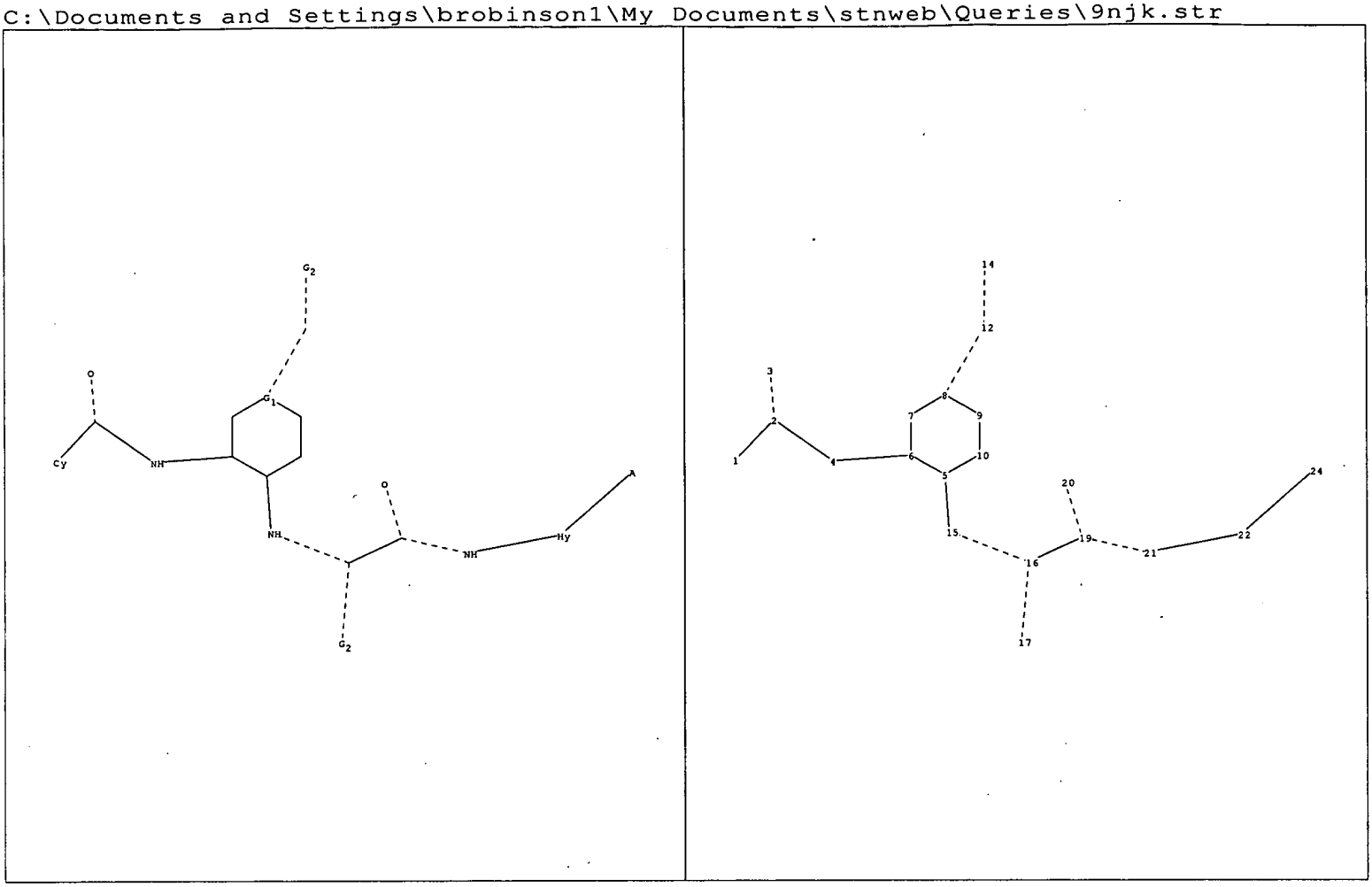
C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\9njk.str



chain nodes :
1 2 3 4 12 14 15 16 17 19 20 21 22 24
ring nodes :
5 6 7 8 9 10
chain bonds :
1-2 2-3 2-4 4-6 5-15 8-12 12-14 15-16 16-17 16-19 19-20 19-21 21-22 22-24
ring bonds :
5-6 5-10 6-7 7-8 8-9 9-10
exact/norm bonds :
1-2 2-3 2-4 4-6 5-6 5-10 5-15 6-7 7-8 8-9 8-12 9-10 12-14 15-16 16-17 16-19 19-20 19-21 21-22 22-24
isolated ring systems :
containing 5 :

G1:C,N

G2:O,S

Match level :
1:Atom 2:CLASS 3:CLASS 4:CLASS 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 12:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 19:CLASS 20:CLASS 21:CLASS 22:Atom 24:CLASS
Generic attributes :
22:
Saturation : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic

Element Count :
Node 22: Limited
N,N1-0
C,C4-5

1077334

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1612bxr

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

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NEWS 9	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS 10	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS 11	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS 12	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS 13	DEC 18	CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS 14	DEC 18	CA/CAplus patent kind codes updated
NEWS 15	DEC 18	MARPAT to CA/CAplus accession number crossover limit increased to 50,000
NEWS 16	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS 17	DEC 27	CA/CAplus enhanced with more pre-1907 records
NEWS 18	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 19	JAN 16	CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 20	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS 21	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 22	JAN 22	CA/CAplus updated with revised CAS roles
NEWS 23	JAN 22	CA/CAplus enhanced with patent applications from India
NEWS 24	JAN 29	PHAR reloaded with new search and display fields
NEWS 25	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that

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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 17:17:48 ON 08 FEB 2007

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\9njk.str

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 17:21:42 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 27 TO ITERATE

Updated Search

1077334

```
100.0% PROCESSED       27 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          229 TO      851
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

=> s l1 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 171.65 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 17:21:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      459 TO ITERATE

100.0% PROCESSED      459 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

L3            0 SEA SSS FUL L1
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Updated Search

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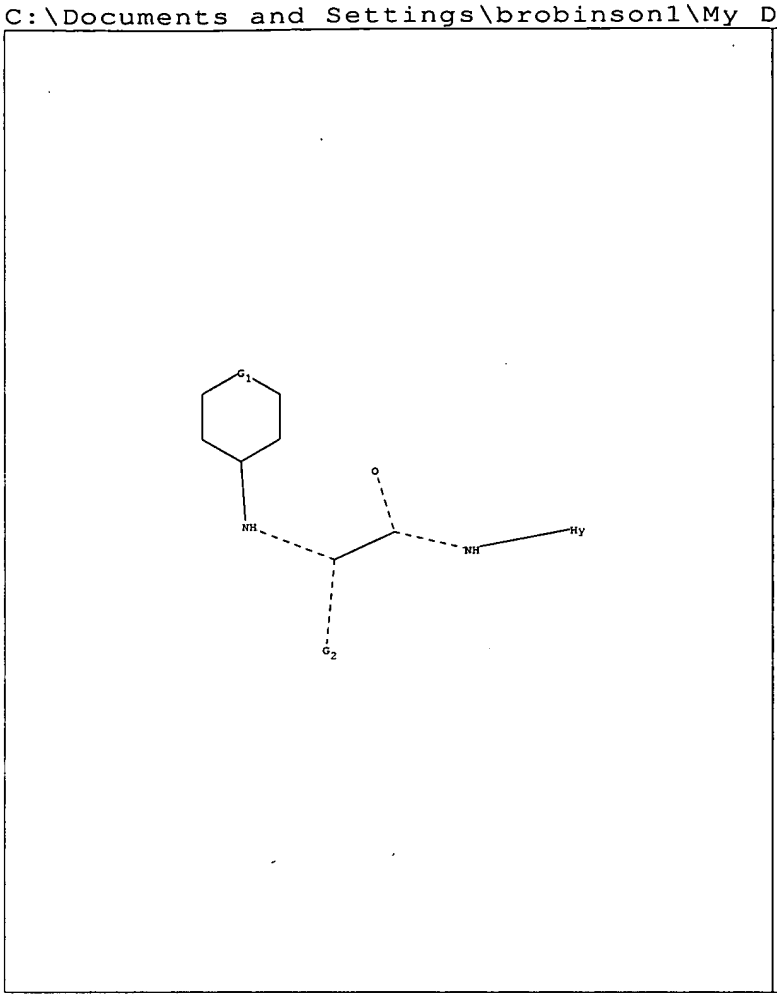
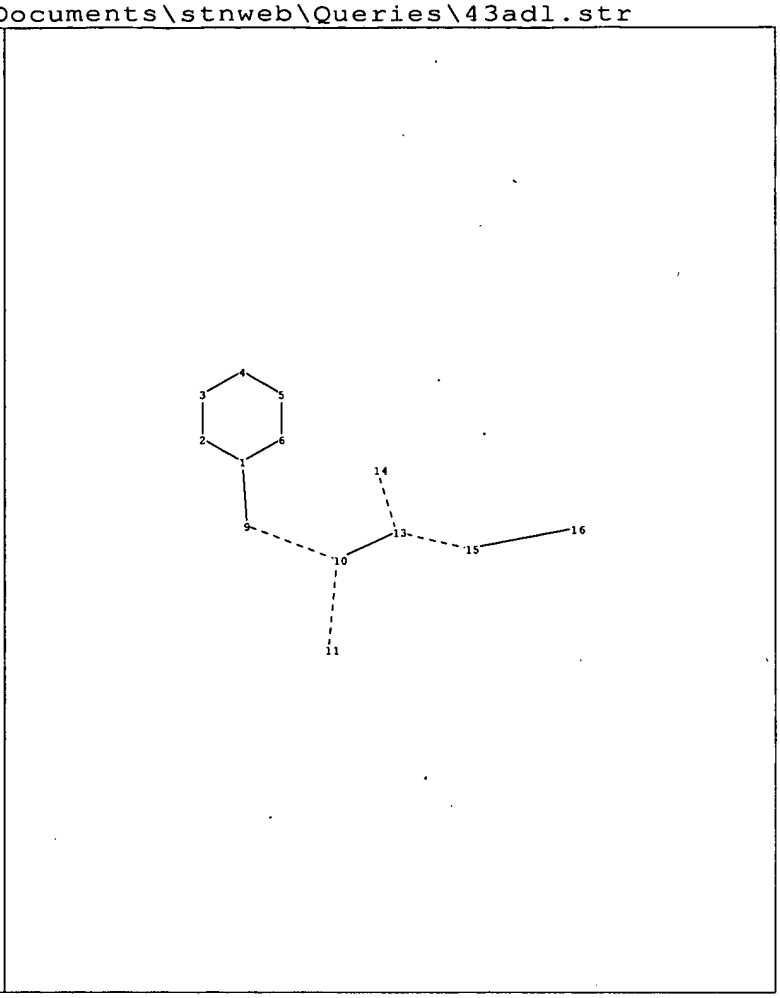




chain nodes :
9 10 11 13 14 15 16
ring nodes :
1 2 3 4 5 6
chain bonds :
1-9 9-10 10-11 10-13 13-14 13-15 15-16
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 1-9 2-3 3-4 4-5 5-6 9-10 10-11 10-13 13-14 13-15 15-16
isolated ring systems :
containing 1 :

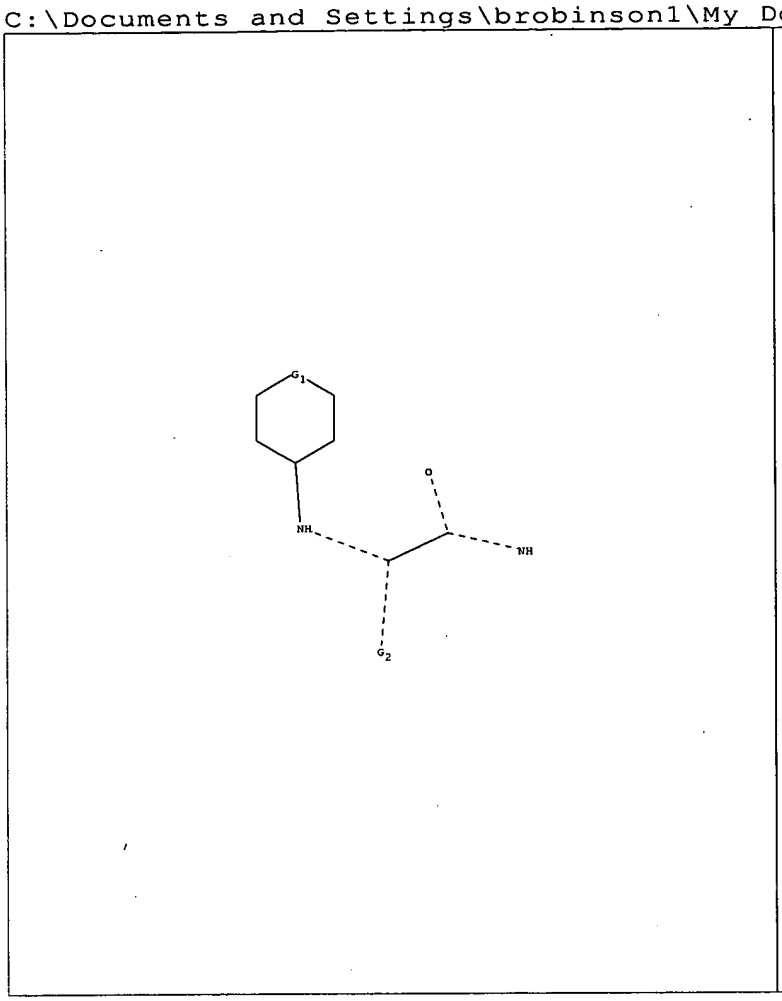
G1:C,N

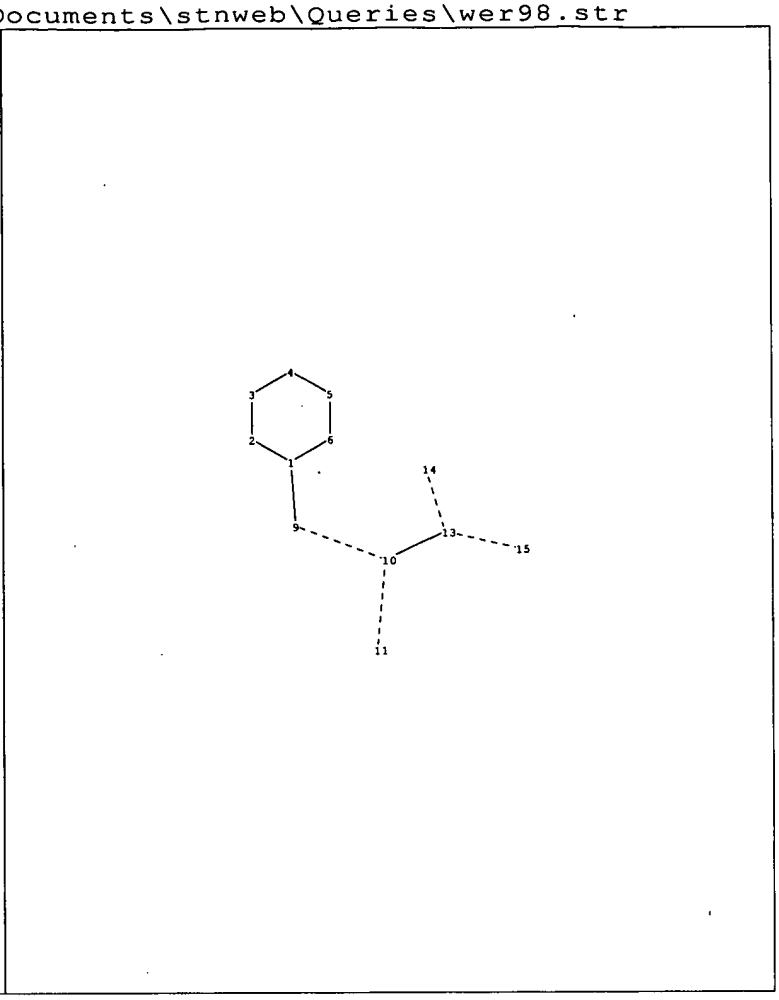
G2:O,S

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:CLASS 10:CLASS 11:CLASS
13:CLASS 14:CLASS 15:CLASS 16:Atom
Generic attributes :
16:
Saturation : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic

Element Count :
Node 16: Limited
N,N1-0
C,C4-5

C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\wer98.str





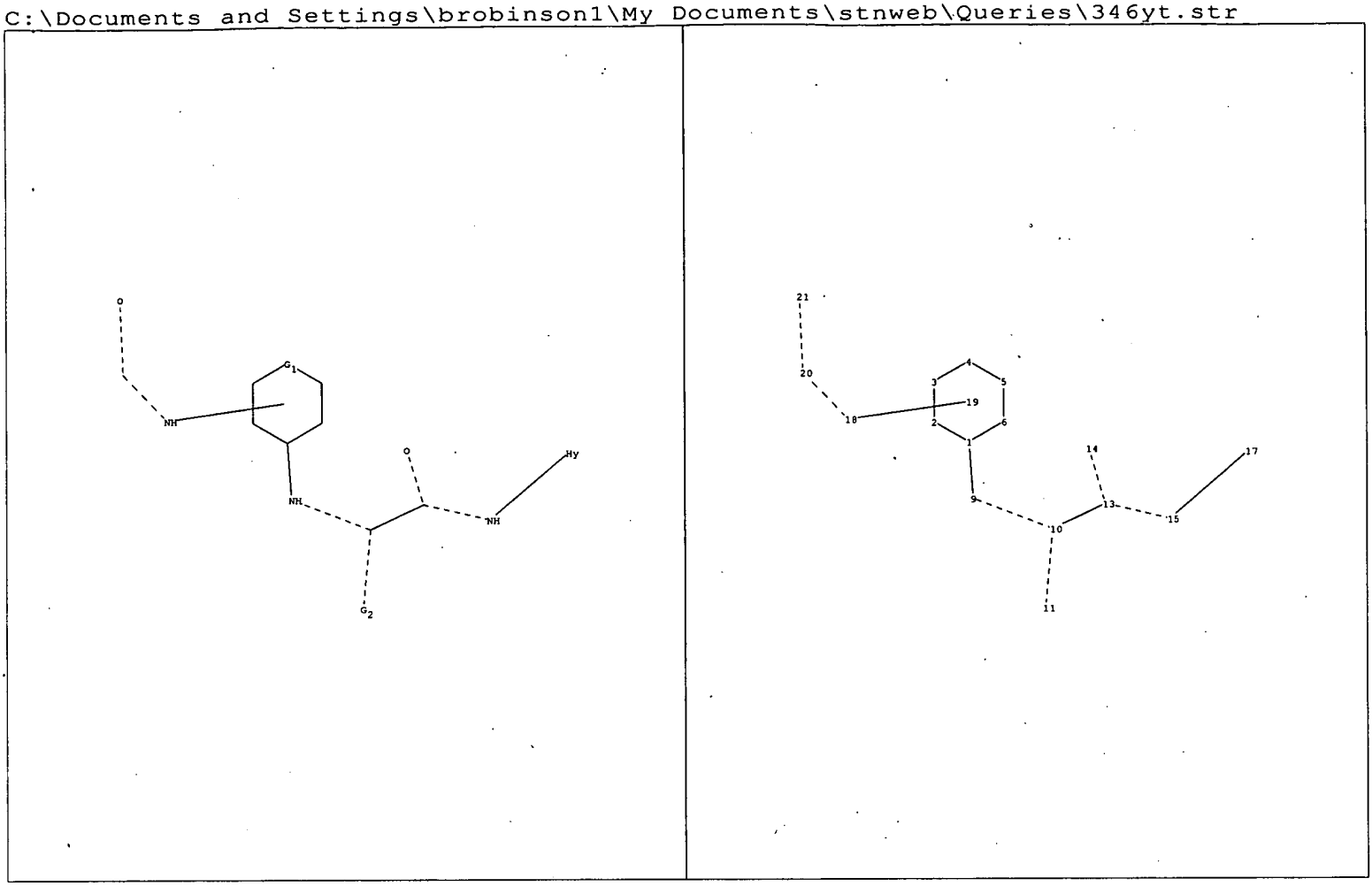
chain nodes :
9 10 11 13 14 15
ring nodes :
1 2 3 4 5 6
chain bonds :
1-9 9-10 10-11 10-13 13-14 13-15
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 1-9 2-3 3-4 4-5 5-6 9-10 10-11 10-13 13-14 13-15
isolated ring systems :
containing 1 :

G1:C,N

G2:O,S

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:CLASS 10:CLASS 11:CLASS
13:CLASS 14:CLASS 15:CLASS

C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\346yt.str



chain nodes :
9 10 11 13 14 15 17 18 20 21
ring nodes :
1 2 3 4 5 6
chain bonds :
1-9 9-10 10-11 10-13 13-14 13-15 15-17 18-20 20-21
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 1-9 2-3 3-4 4-5 5-6 9-10 10-11 10-13 13-14 13-15 15-17
18-20 20-21
isolated ring systems :
containing 1 :

G1:C,N

G2:O,S

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:CLASS 10:CLASS 11:CLASS
13:CLASS 14:CLASS 15:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS
21:CLASS

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Welcome to STN International! Enter x:x

LOGINID:ssspta1612bxr

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	5	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	6	NOV 10	CA/CAplus F-Term thesaurus enhanced
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NEWS	16	DEC 18	MEDLINE updated in preparation for 2007 reload
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NEWS	21	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
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NEWS	23	JAN 22	CA/CAplus enhanced with patent applications from India
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NEWS HOURS	STN Operating Hours Plus Help Desk Availability
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NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that

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FILE 'HOME' ENTERED AT 17:17:48 ON 08 FEB 2007

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 17:17:55 ON 08 FEB 2007
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http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\9njk.str

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 17:21:42 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 27 TO ITERATE

Updated Search

1077334

```
100.0% PROCESSED       27 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          229 TO      851
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

=> s l1 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 171.65 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 17:21:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      459 TO ITERATE

100.0% PROCESSED      459 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

L3            0 SEA SSS FUL L1

=>
Uploading C:\Documents and Settings\brobinson1\My
Documents\stnweb\Queries\aerer4.str

L4      STRUCTURE UPLOADED

=> s l4
SAMPLE SEARCH INITIATED 17:23:17 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       54 TO ITERATE

100.0% PROCESSED       54 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          640 TO     1520
PROJECTED ANSWERS:               0 TO        0

L5            0 SEA SSS SAM L4

=> s l4 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 171.65 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 17:23:20 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      917 TO ITERATE

100.0% PROCESSED      917 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

L6            0 SEA SSS FUL L4

=>
Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\43adl.str

L7      STRUCTURE UPLOADED

=> s l7


Updated Search
```

1077334

```
SAMPLE SEARCH INITIATED 17:24:07 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     2756 TO ITERATE

 72.6% PROCESSED     2000 ITERATIONS                                  0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        51972 TO    58268
PROJECTED ANSWERS:               0 TO        0

L8            0 SEA SSS SAM L7

=> s l7 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 171.65 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 17:24:11 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    55197 TO ITERATE

100.0% PROCESSED    55197 ITERATIONS                                  0 ANSWERS
SEARCH TIME: 00.00.03

L9            0 SEA SSS FUL L7

=>
Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\wer98.str

L10     STRUCTURE UPLOADED

=> s l10
SAMPLE SEARCH INITIATED 17:25:24 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     2756 TO ITERATE

 72.6% PROCESSED     2000 ITERATIONS                                 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        51972 TO    58268
PROJECTED ANSWERS:           32385 TO    37395

L11          50 SEA SSS SAM L10

=>
Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\346yt.str

L12     STRUCTURE UPLOADED

=> s l12
SAMPLE SEARCH INITIATED 17:26:49 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      964 TO ITERATE

100.0% PROCESSED      964 ITERATIONS                                 22 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
```

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1077334

PROJECTED ITERATIONS: 17418 TO 21142
PROJECTED ANSWERS: 159 TO 721

L13 22 SEA SSS SAM L12

=> s l12 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 171.65 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 17:26:53 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 18895 TO ITERATE

100.0% PROCESSED 18895 ITERATIONS 377 ANSWERS
SEARCH TIME: 00.00.03

L14 377 SEA SSS FUL L12

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	693.35	693.56

FILE 'HCAPLUS' ENTERED AT 17:26:58 ON 08 FEB 2007
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FILE COVERS 1907 - 8 Feb 2007 VOL 146 ISS 7
FILE LAST UPDATED: 7 Feb 2007 (20070207/ED)

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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l14
L15 12 L14

=> s l15 and ohta, t?/au
3930 OHTA, T?/AU
L16 5 L15 AND OHTA, T?/AU

=> d l16, ibib abs hitstr, 1-5

L16 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:78244 HCAPLUS
DOCUMENT NUMBER: 142:176829
TITLE: A preparation of diamine derivatives, useful as FXa inhibitors (anticoagulants)

Updated Search

1077334

INVENTOR(S): Ohta, Toshiharu; Komoriya, Satoshi; Yoshino, Toshiharu; Uoto, Kouichi; Nakamoto, Yumi; Naito, Hiroyuki; Mochizuki, Akiyoshi; Nagata, Tsutomu; Kanno, Hideyuki; Haginoya, Noriyasu; Yoshikawa, Kenji; Nagamochi, Masatoshi; Kobayashi, Syozo; Ono, Makoto

PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan

SOURCE: U.S. Pat. Appl. Publ., 276 pp., Cont.-in-part of U.S. Ser. No. 481,629.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

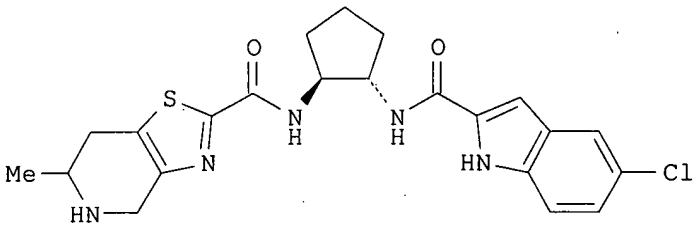
FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2005020645	A1	20050127	US 2004-773344		20040209
ZA 2003009866	A	20041220	ZA 2003-9866		20030130
ZA 2004000926	A	20050204	ZA 2004-926		20040204
US 2005245565	A1	20051103	US 2004-481629		20040601
PRIORITY APPLN. INFO.:			JP 2001-187105	A	20010620
			JP 2001-243046	A	20010809
			JP 2001-311808	A	20011009
			JP 2001-398708	A	20011228
			US 2004-481629	A2	20040601
			WO 2002-JP2683	A	20020320
			WO 2002-JP6141	W	20020620

OTHER SOURCE(S): MARPAT 142:176829

GI



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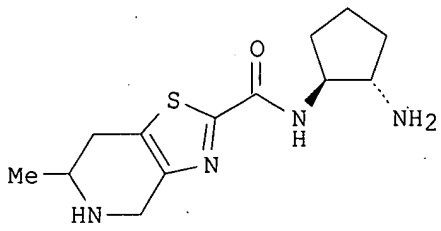


II

AB The invention relates to a preparation of diamine derivs. of formula Q1-Q2-T-N(R1)-Q3-N(R2)-T1-Q4 [wherein: R1 and R2 are independently selected from H, OH, alkyl, or alkoxy; Q1 is (un)saturated 5- or 6-membered cyclic hydrocarbon, 5- to 7-membered heterocyclic group, or (bi/tri)cyclic fused hydrocarbon, etc.; Q2 is a single bond or bivalent (hetero)cyclic

Updated Search

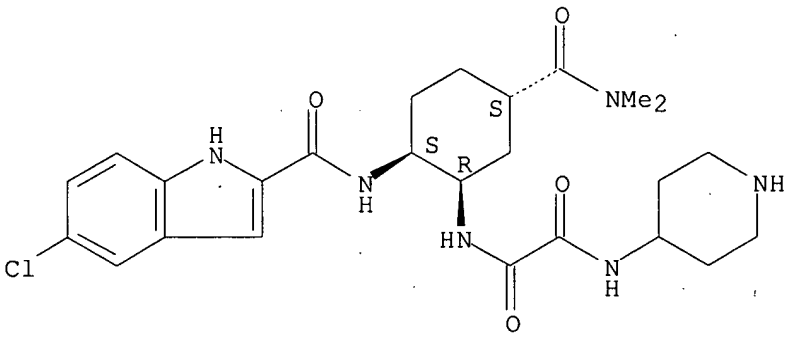
group; Q3 is a bivalent (hetero)cyclic group; Q4 is (hetero)aryl, arylalkynyl, or heteroalkenyl, etc.; T is C(O) or S(O); T1 is C(O), C(O)-C(O), SO2, or C(O)-C(O)-NH, etc.], useful as FXa inhibitors (anticoagulants). The invention compds. are useful as agents for preventing and/or treating cerebral infarction, cerebral embolism, myocardial infarction, angina pectoris, pulmonary infarction, pulmonary embolism, Buerger's disease, deep venous thrombosis, disseminated intravascular coagulation syndrome, and thrombus, etc. For instance, diamine derivative I (IC50 = 86 nM) was prepared via amidation of 5-chloroindole-2-carboxylic acid by thiazolopyridine derivative II.

IT 480449-32-9P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of diamine derivs. useful as anticoagulants)

RN 480449-32-9 HCAPLUS

CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-4-piperidinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

IT 480448-29-1P 480448-40-6P 480448-41-7P
480448-42-8P 480448-43-9P 480448-44-0P
480449-04-5P 480449-07-8P 480449-09-0P
480449-18-1P 480449-19-2P 480449-22-7P
480449-24-9P 480449-27-2P 480449-30-7P
480449-31-8P 480449-33-0P 480449-35-2P
480449-37-4P 480449-38-5P 480449-43-2P
480449-49-8P 480449-52-3P 480449-57-8P
480449-62-5P 480449-63-6P 480449-65-8P
480449-66-9P 480449-67-0P 480449-68-1P
480449-70-5P 480449-71-6P 500572-21-4P
500572-23-6P 500572-30-5P 500572-31-6P
500572-33-8P 500572-34-9P 500572-35-0P
500572-36-1P 834919-14-1P 834919-16-3P
834919-17-4P 834919-18-5P 834919-19-6P
834919-20-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

Updated Search

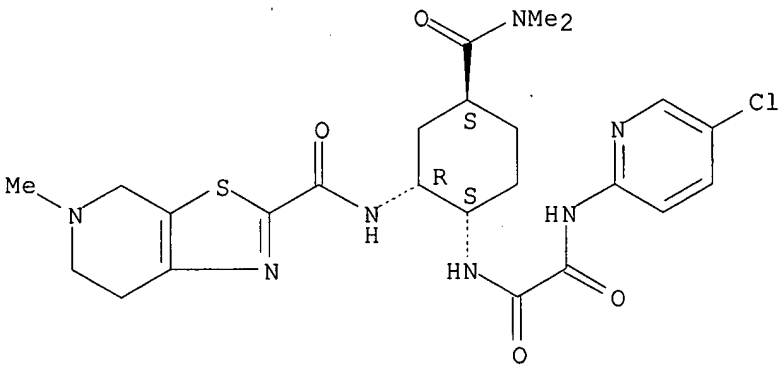
1077334

(preparation of diamine derivs. useful as anticoagulants)

RN 480448-29-1 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

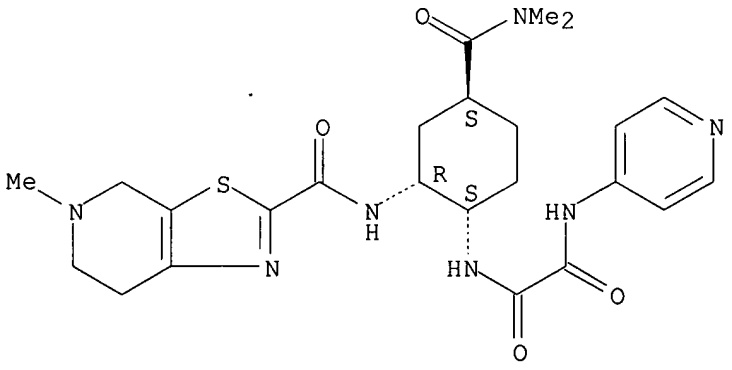


● HCl

RN 480448-40-6 HCAPLUS

CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-4-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

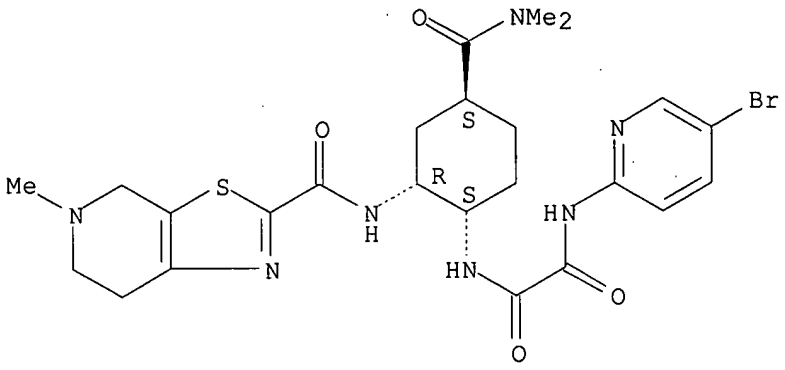
RN 480448-41-7 HCAPLUS

CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Updated Search

1077334

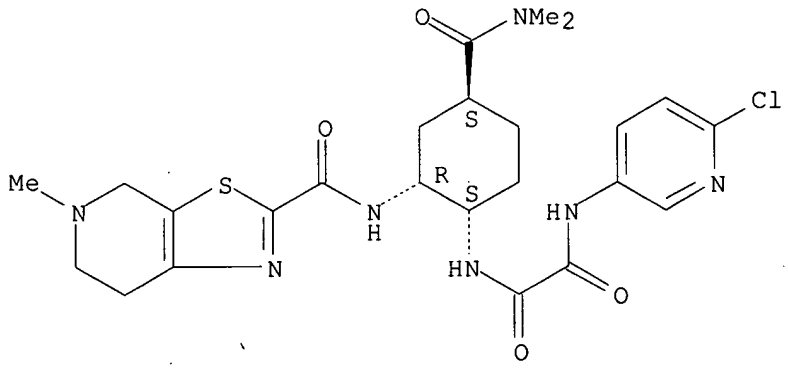
Absolute stereochemistry.



● HCl

RN 480448-42-8 HCAPLUS
CN Ethanediamide, N-(6-chloro-3-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



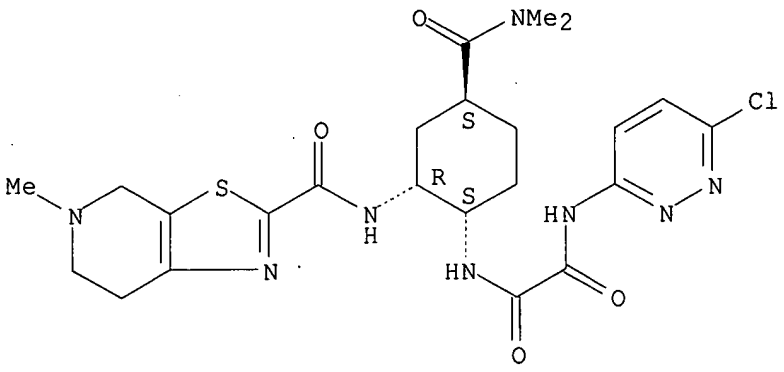
● HCl

RN 480448-43-9 HCAPLUS
CN Ethanediamide, N-(6-chloro-3-pyridazinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

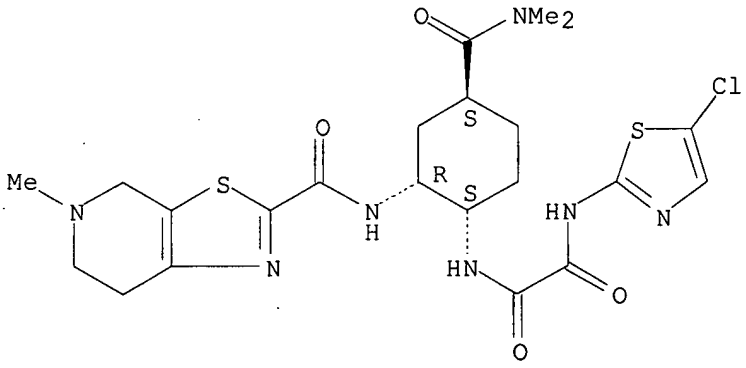
1077334



● HCl

RN 480448-44-0 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thiazolyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



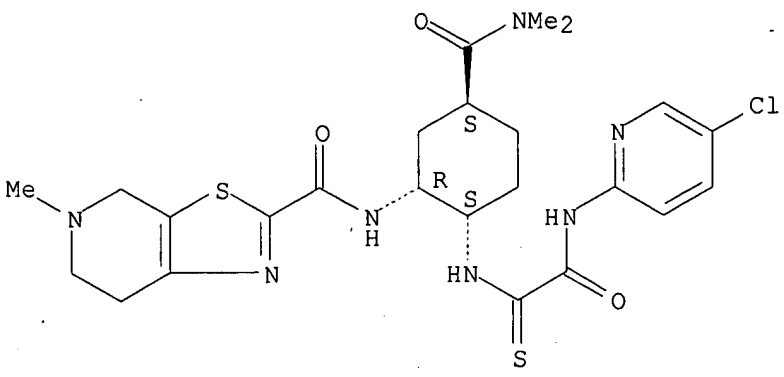
● HCl

RN 480449-04-5 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

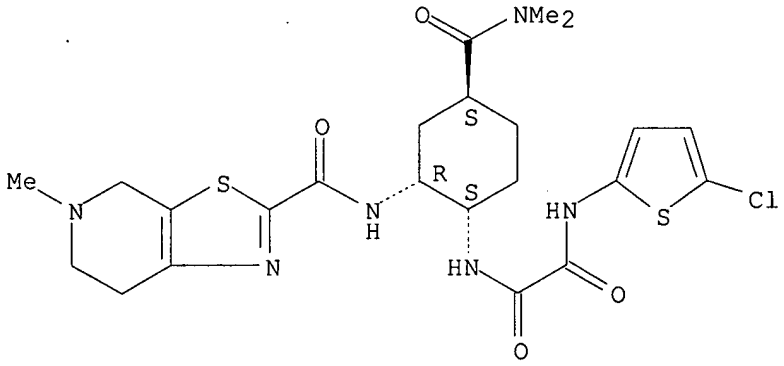
Updated Search

1077334



RN 480449-07-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

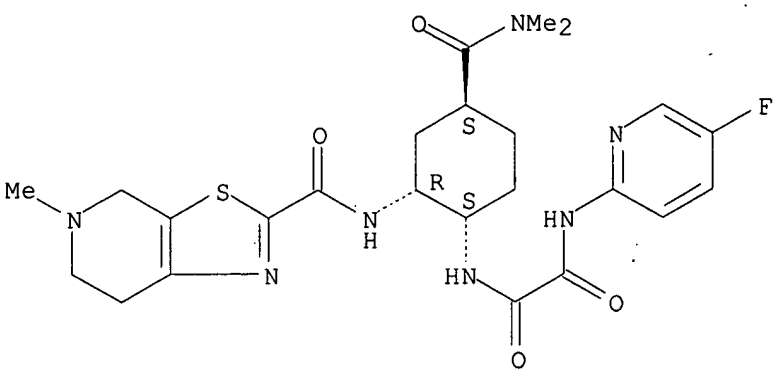


● HCl

RN 480449-09-0 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-fluoro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

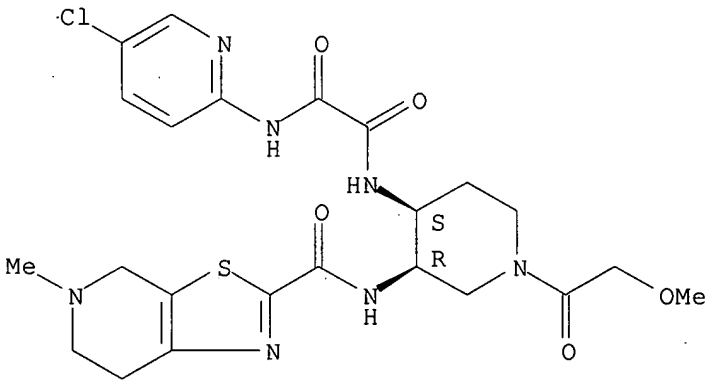
Updated Search



● HCl

RN 480449-18-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

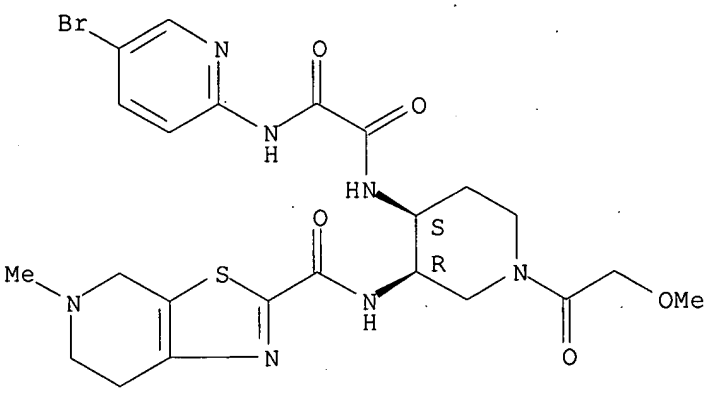


● HCl

RN 480449-19-2 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

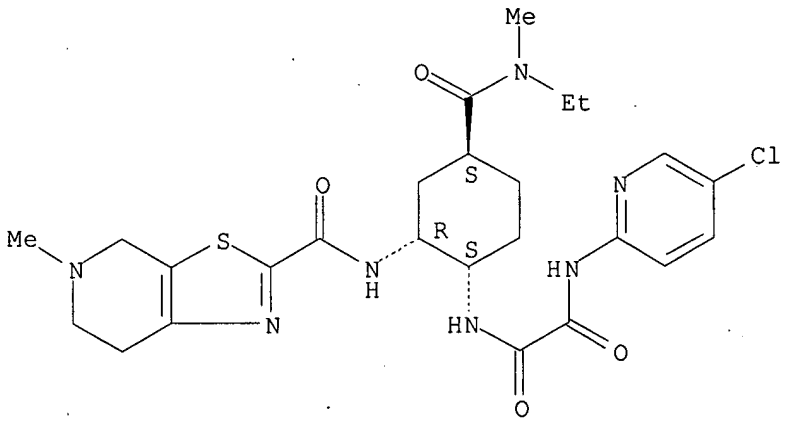
Updated Search



● HCl

RN 480449-22-7 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(ethylmethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

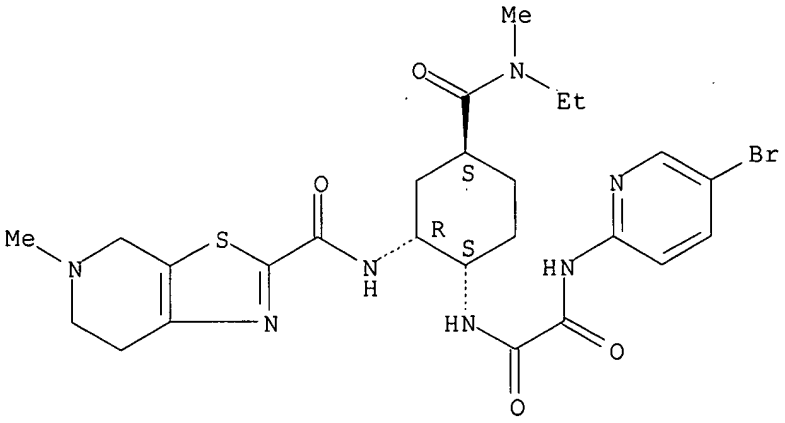


● HCl

RN 480449-24-9 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(ethylmethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

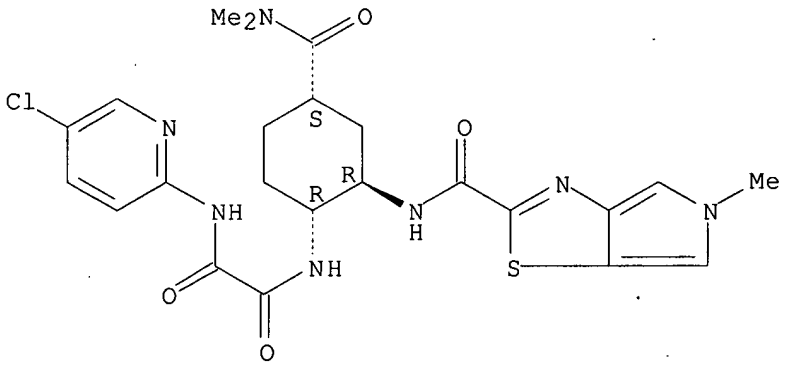
Updated Search



● HCl

RN 480449-27-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(5-methyl-5H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

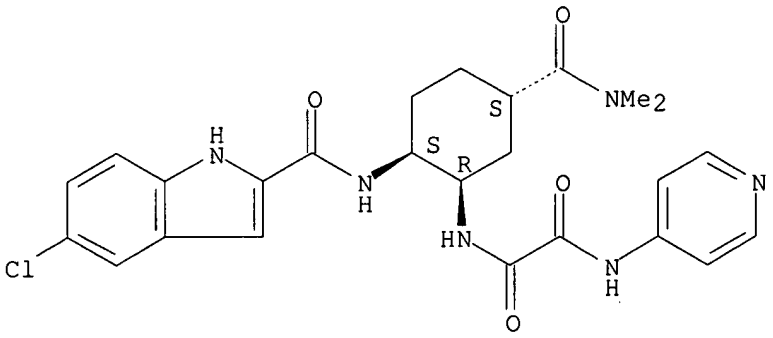
Absolute stereochemistry.



RN 480449-30-7 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-4-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

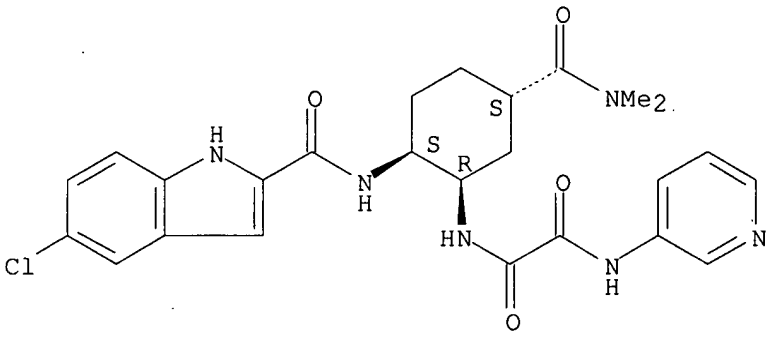
Updated Search



● HCl

RN 480449-31-8 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-3-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



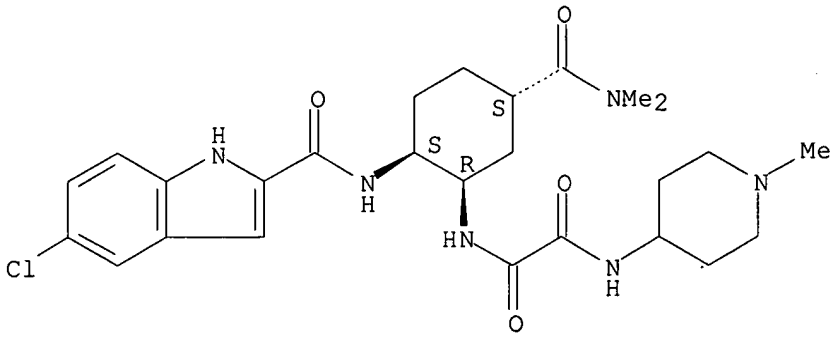
● HCl

RN 480449-33-0 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-(1-methyl-4-piperidinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

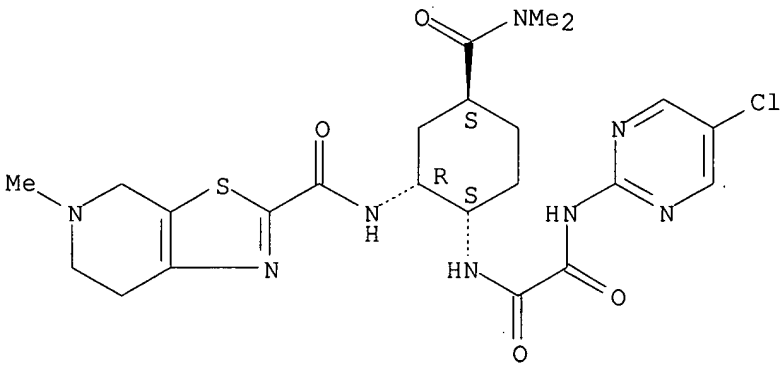
1077334



● HCl

RN 480449-35-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyrimidinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

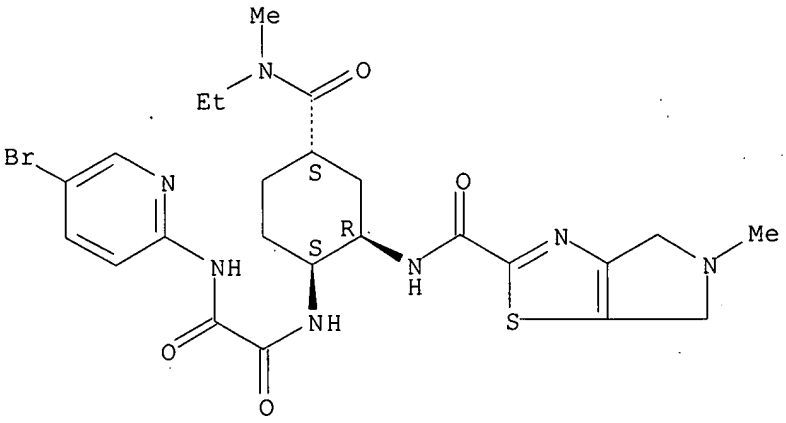


● HCl

RN 480449-37-4 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

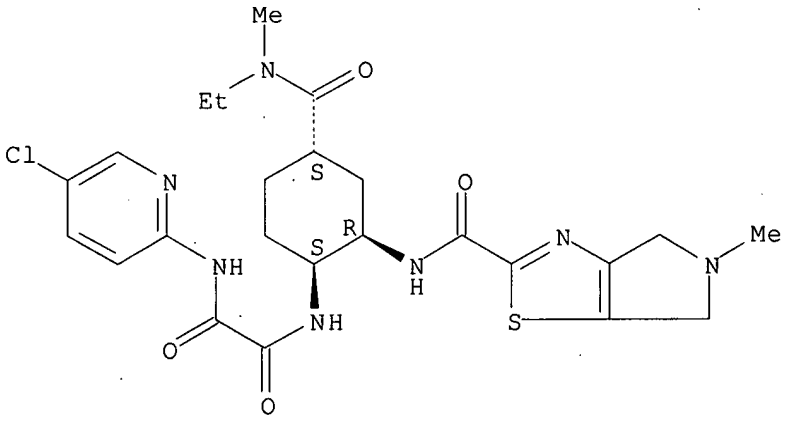
Updated Search



● HCl

RN 480449-38-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

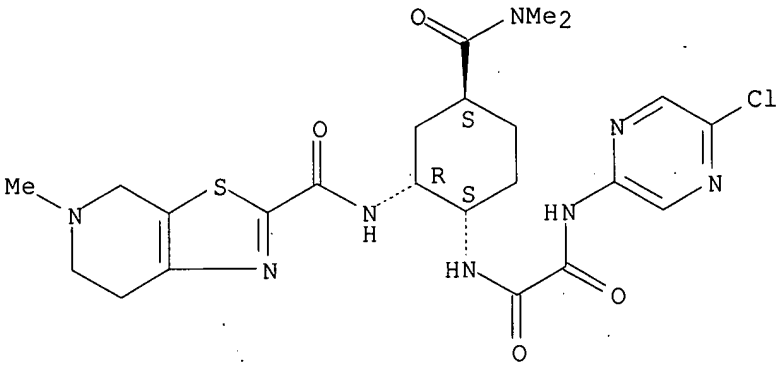


● HCl

RN 480449-43-2 HCAPLUS
CN Ethanediamide, N-(5-chloropyrazinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

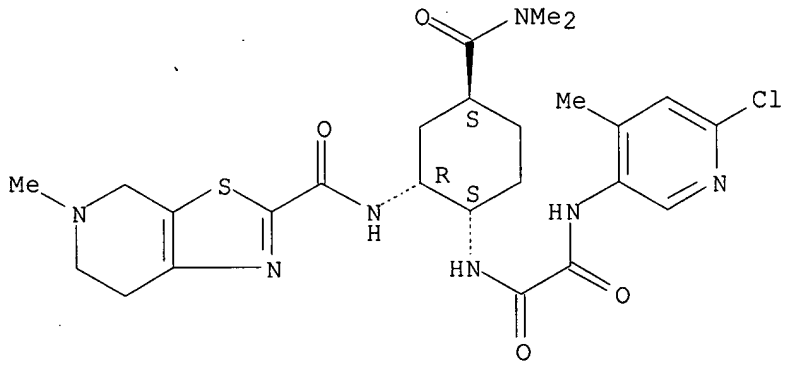
Updated Search



● HCl

RN 480449-49-8 HCAPLUS
CN Ethanediamide, N-(6-chloro-4-methyl-3-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

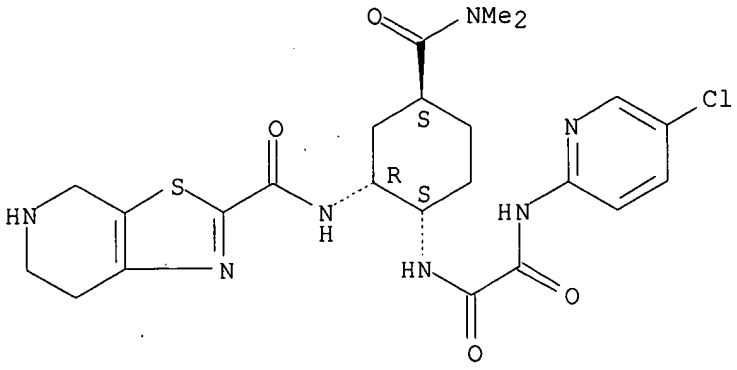


● HCl

RN 480449-52-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

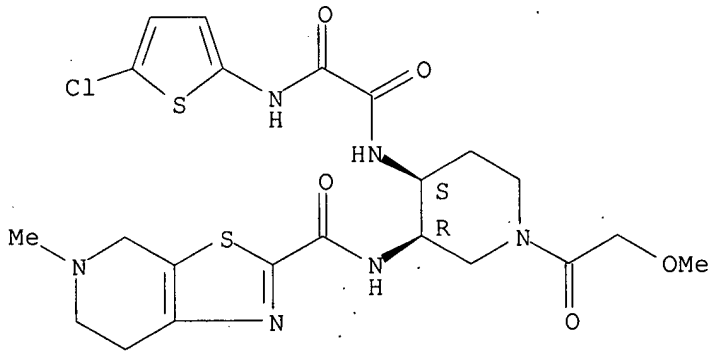
Updated Search



● HCl

RN 480449-57-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



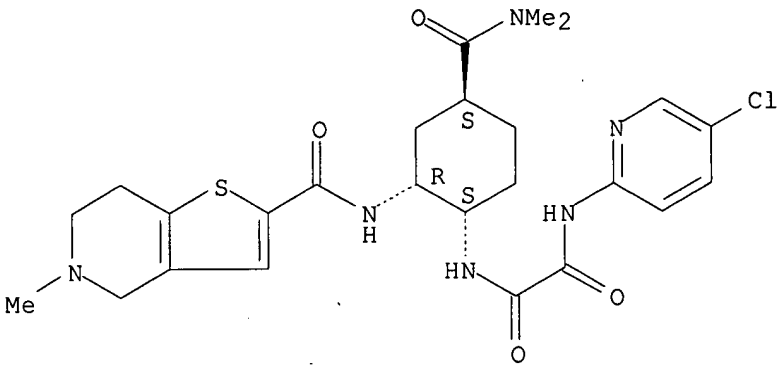
● HCl

RN 480449-62-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthieno[3,2-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

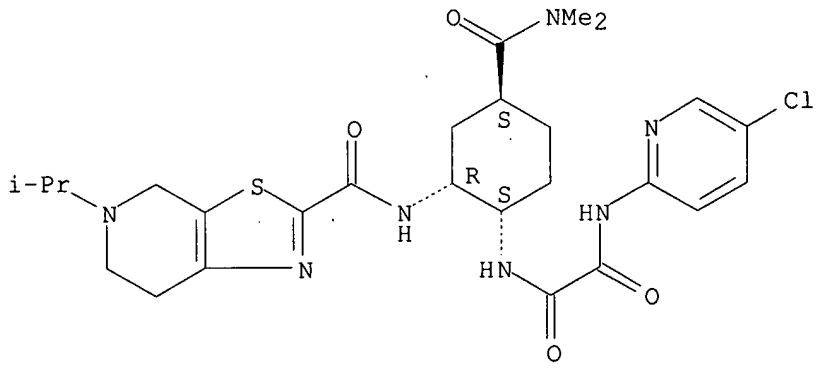
1077334



● HCl

RN 480449-63-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-(1-methylethyl)thiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



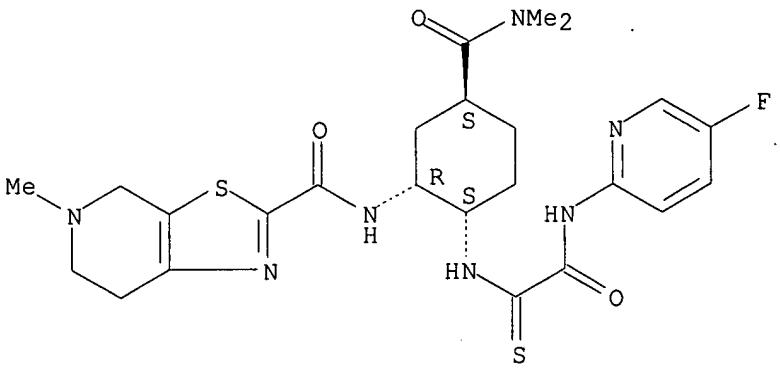
● HCl

RN 480449-65-8 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

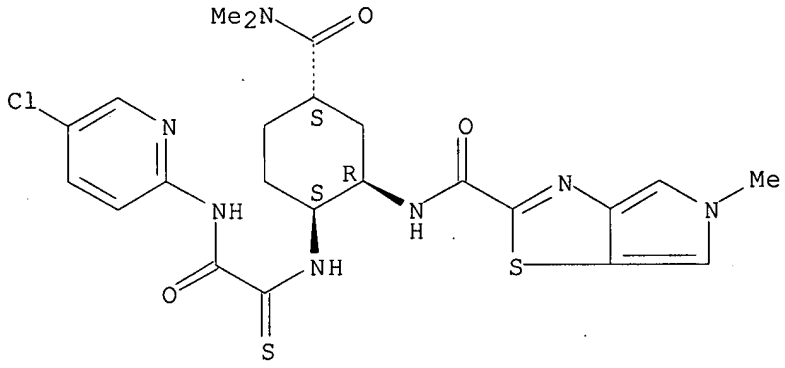
1077334



● HCl

RN 480449-66-9 HCAPLUS
CN 5H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

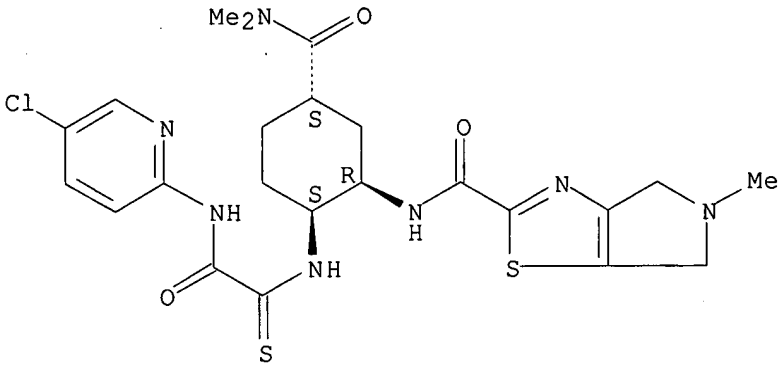


RN 480449-67-0 HCAPLUS
CN 4H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5,6-dihydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

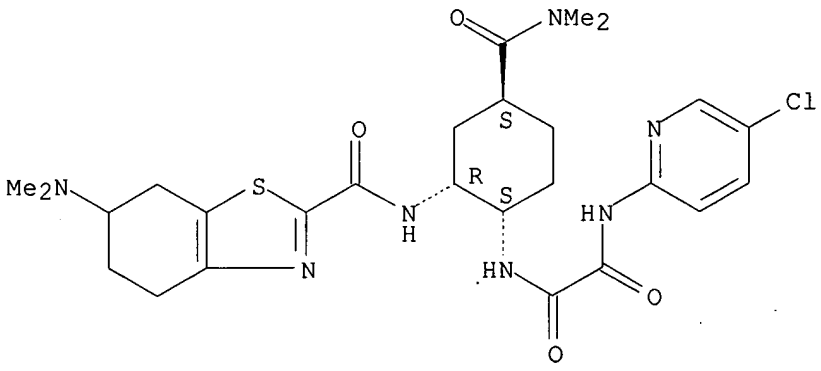
1077334



● HCl

RN 480449-68-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[6-(dimethylamino)-4,5,6,7-tetrahydro-2-benzothiazolyl]carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

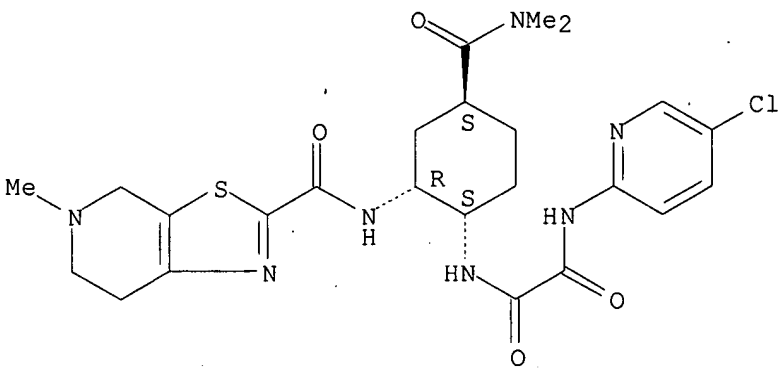


RN 480449-70-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

1077334

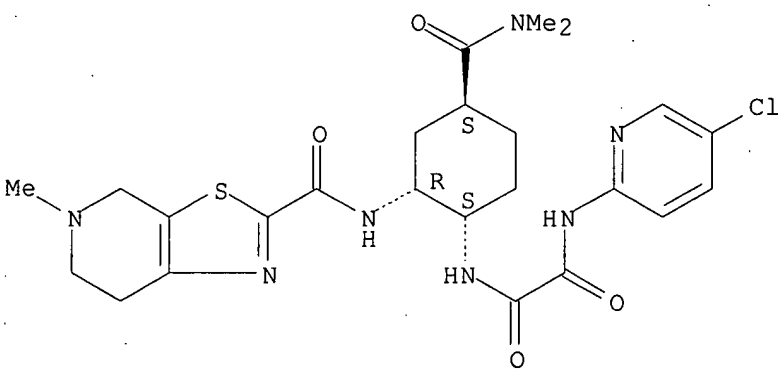


RN 480449-71-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, mono(4-methylbenzenesulfonate) (9CI) (CA INDEX NAME)

CM 1

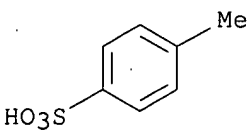
CRN 480449-70-5
CMF C24 H30 Cl N7 O4 S

Absolute stereochemistry.



CM 2

CRN 104-15-4
CMF C7 H8 O3 S

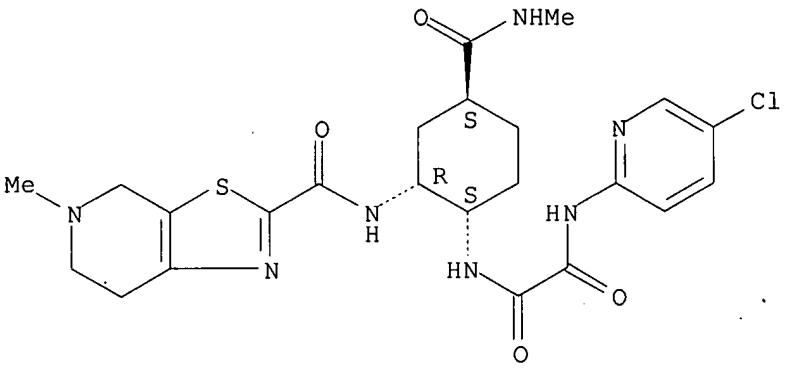


RN 500572-21-4 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-

Updated Search

[(methylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

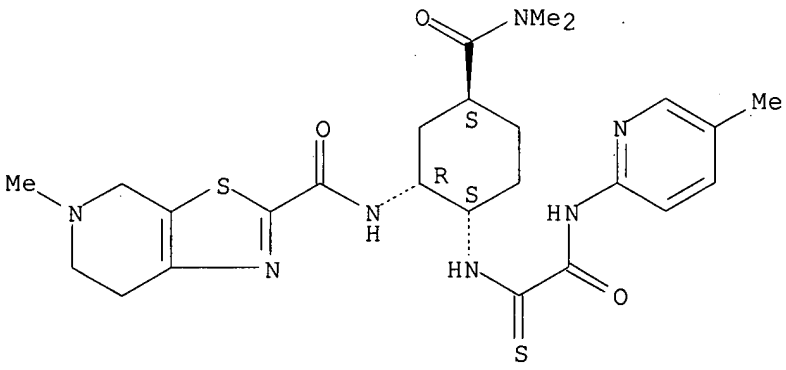
Absolute stereochemistry.



● HCl

RN 500572-23-6 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-methyl-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

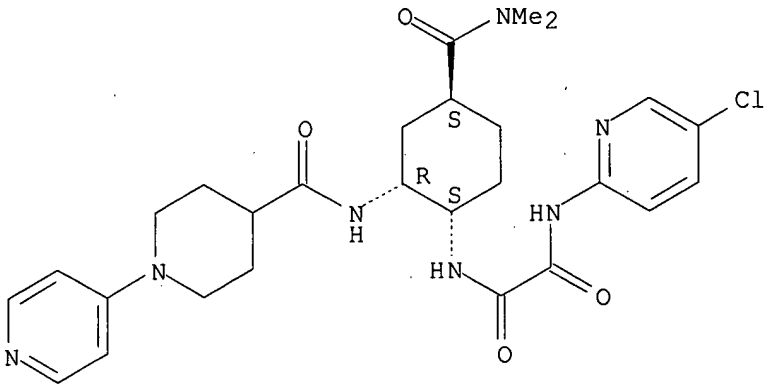


● HCl

RN 500572-30-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[1-(4-pyridinyl)-4-piperidinyl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

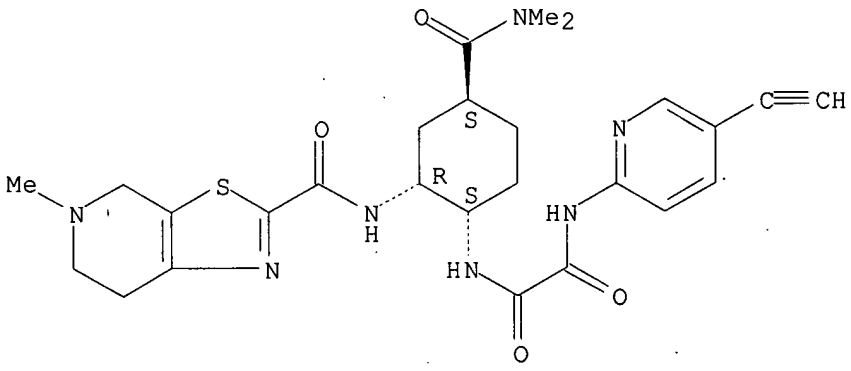
Updated Search



● HCl

RN 500572-31-6 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-ethynyl-2-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

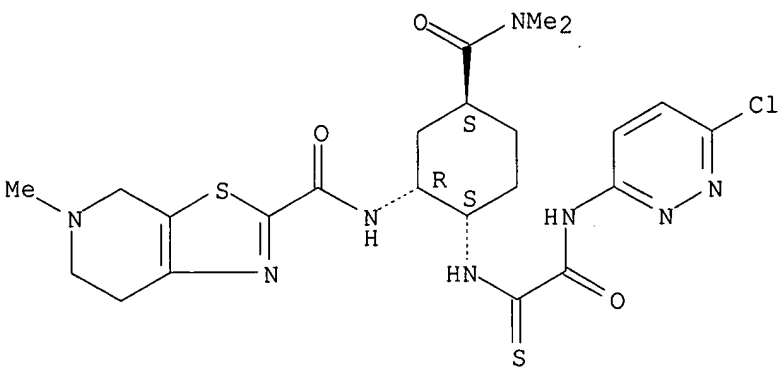


RN 500572-33-8 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridazinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

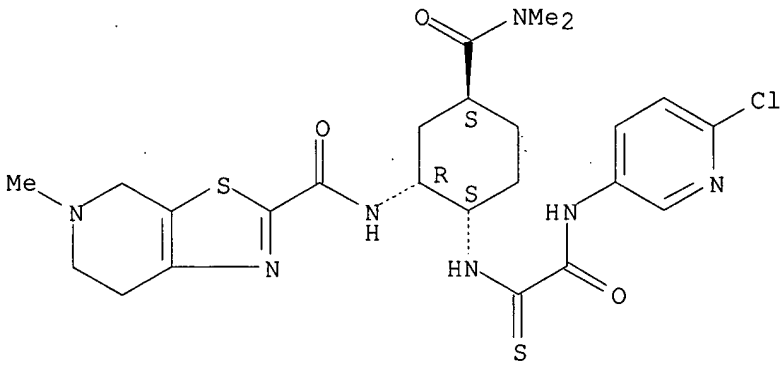
1077334



● HCl

RN 500572-34-9 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



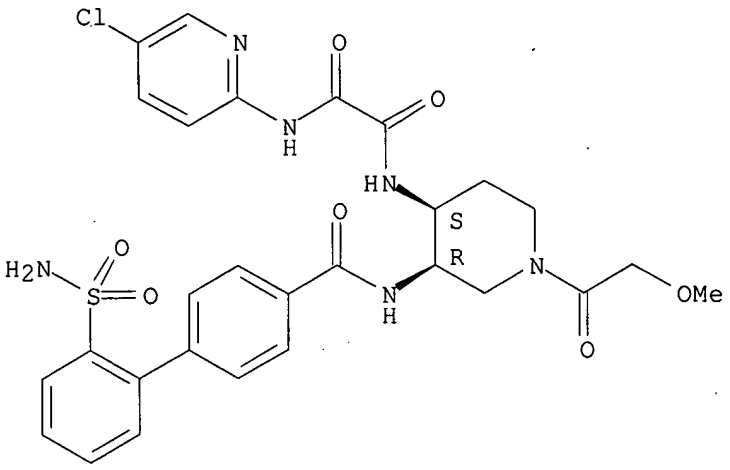
● HCl

RN 500572-35-0 HCAPLUS
CN Ethanediamide, N-[(3R,4S)-3-[[[2'-(aminosulfonyl)[1,1'-biphenyl]-4-yl]carbonyl]amino]-1-(methoxyacetyl)-4-piperidinyl]-N'-(5-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

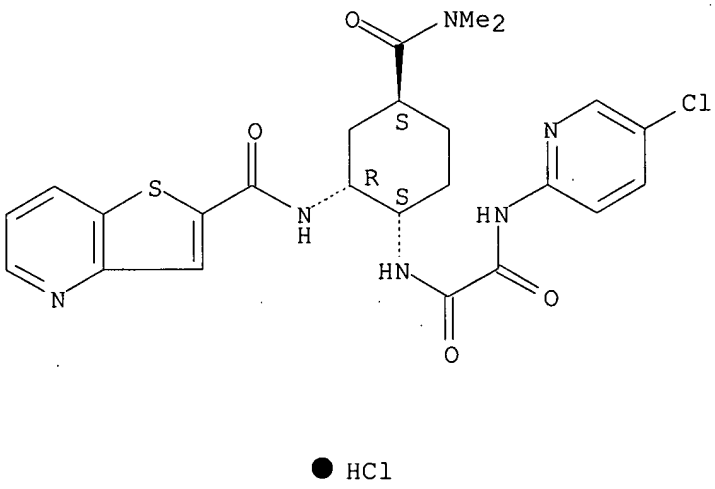
Updated Search

1077334



RN 500572-36-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[(thieno[3,2-b]pyridin-2-ylcarbonyl)amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



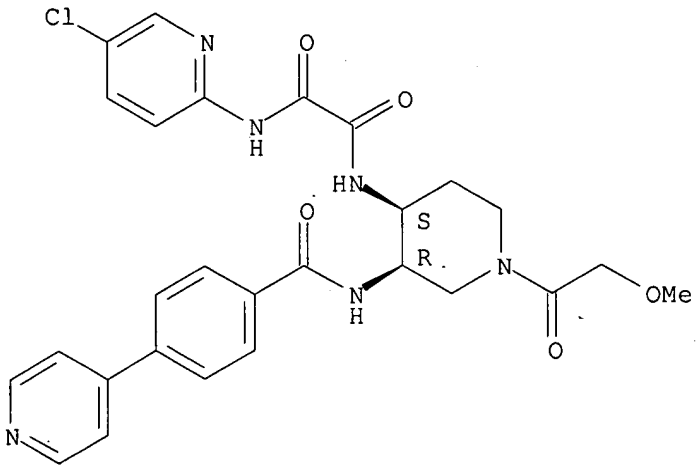
● HCl

RN 834919-14-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[4-(4-pyridinyl)benzoyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

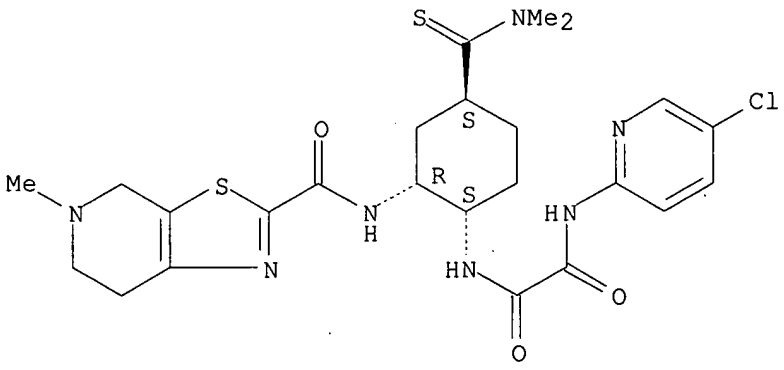
1077334



● HCl

RN 834919-16-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)thioxomethyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



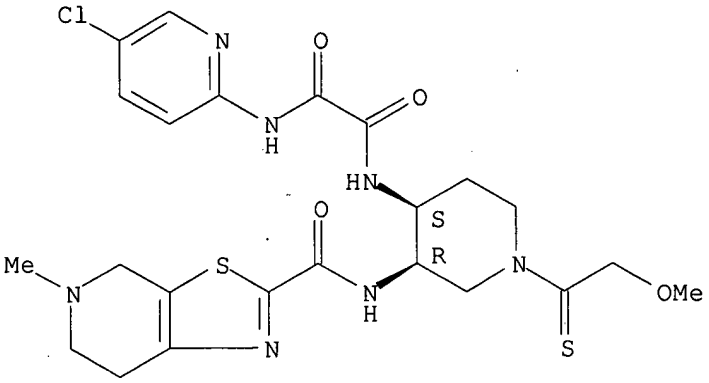
● HCl

RN 834919-17-4 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(2-methoxy-1-thioxoethyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

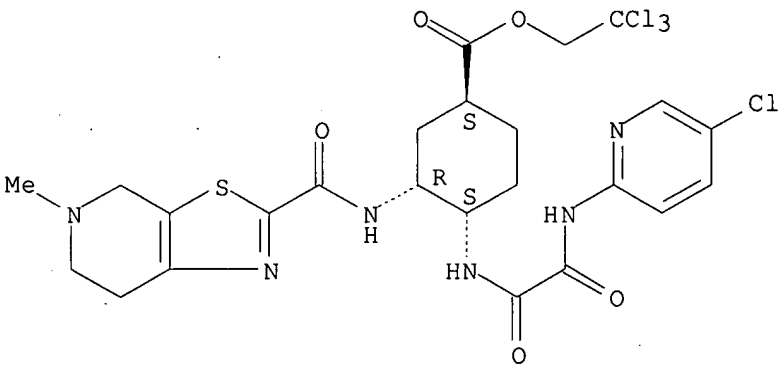
1077334



● HCl

RN 834919-18-5 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, 2,2,2-trichloroethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

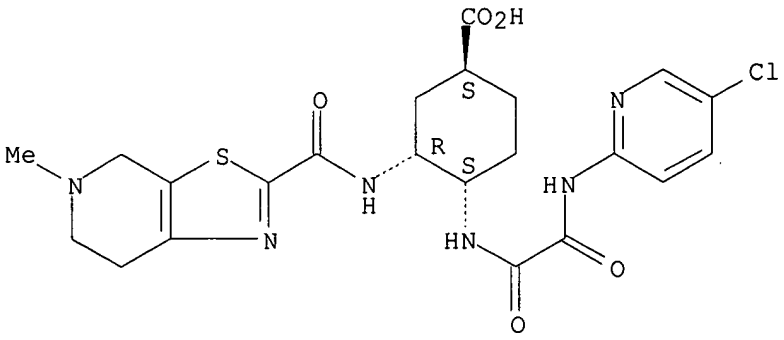
Absolute stereochemistry.



RN 834919-19-6 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, (1S,3R,4S)- (9CI) (CA INDEX NAME)

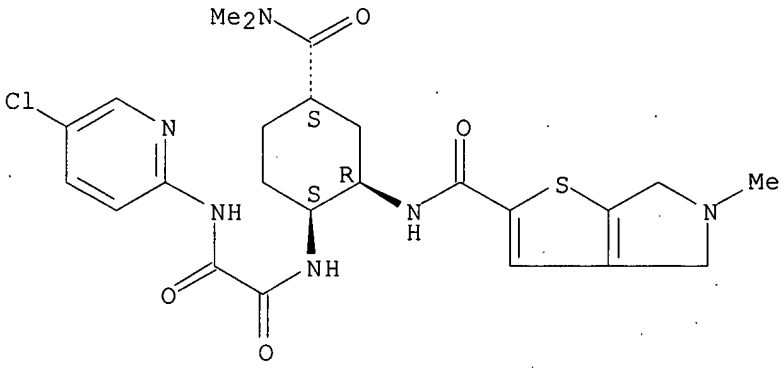
Absolute stereochemistry.

Updated Search



RN 834919-20-9 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-thieno[2,3-c]pyrrol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]- (9CI) (CA INDEX NAME)

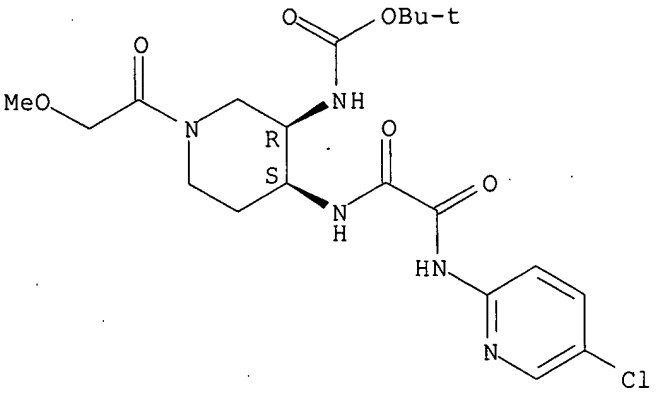
Absolute stereochemistry.



IT 480451-83-0P 480451-85-2P 480451-98-7P
480452-04-8P 480452-32-2P 480452-36-6P
480452-38-8P 480452-43-5P 480452-44-6P
480452-49-1P 500571-37-9P 500571-40-4P
500571-44-8P 500571-48-2P 500571-53-9P
500571-58-4P 500571-62-0P 834919-05-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of diamine derivs. useful as anticoagulants)
RN 480451-83-0 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

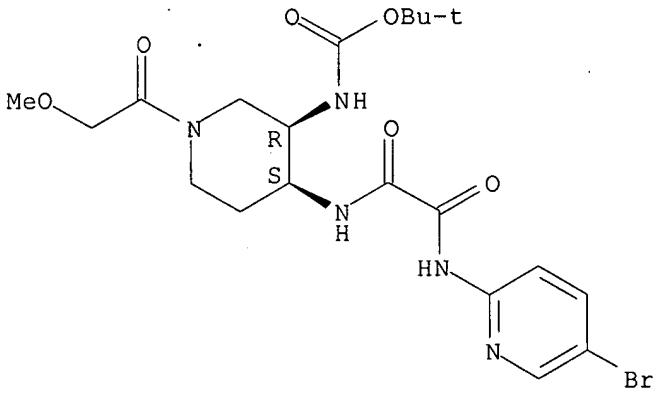
Absolute stereochemistry.

1077334



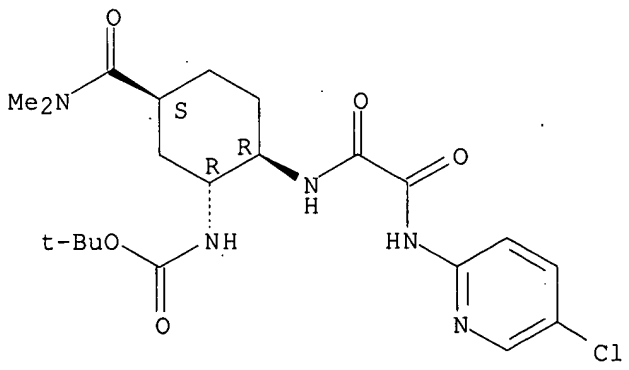
RN 480451-85-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-bromo-2-pyridinyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480451-98-7 HCAPLUS
CN Carbamic acid, [(1R,2R,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

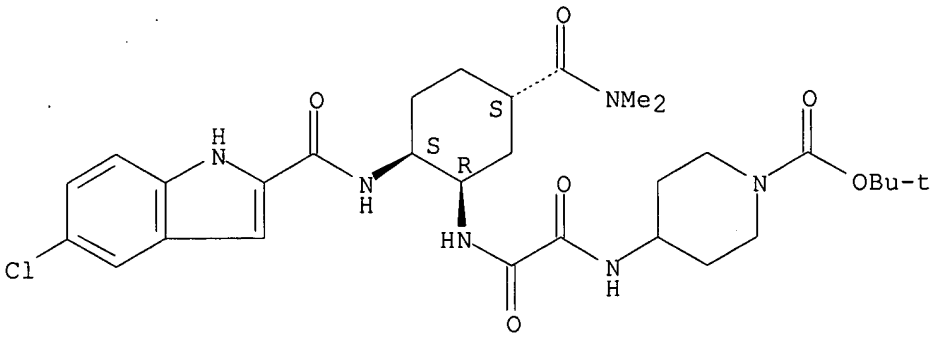


Updated Search

1077334

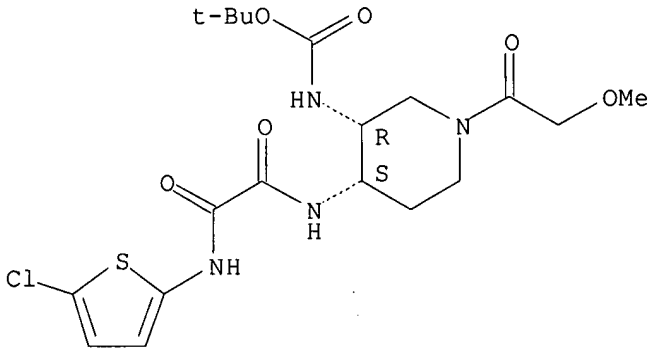
RN 480452-04-8 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]oxoacetyl]amino]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-32-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-thienyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

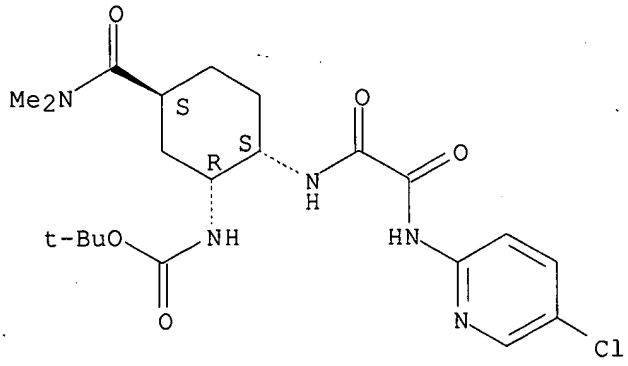


RN 480452-36-6 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

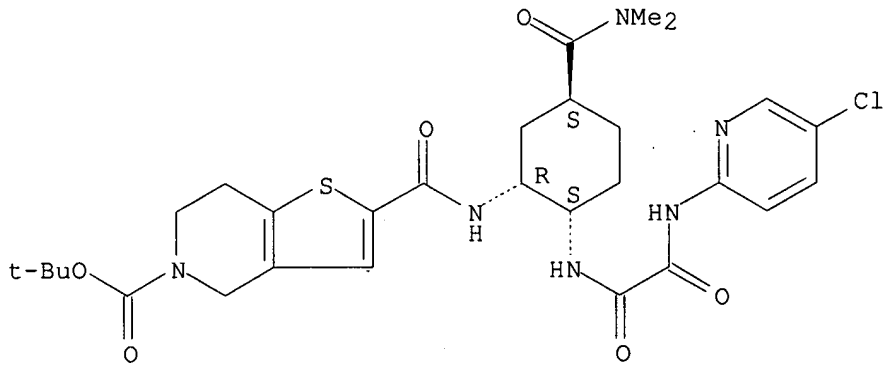
Updated Search

1077334



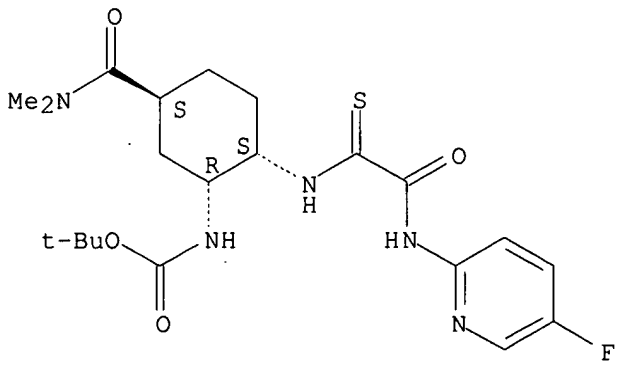
RN 480452-38-8 HCAPLUS
CN Thieno[3,2-c]pyridine-5(4H)-carboxylic acid, 2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-6,7-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-43-5 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

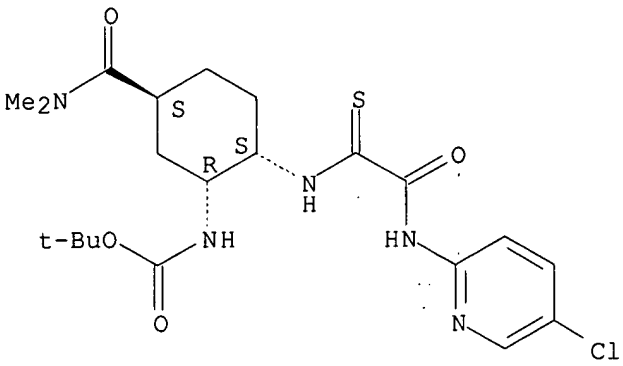


Updated Search

1077334

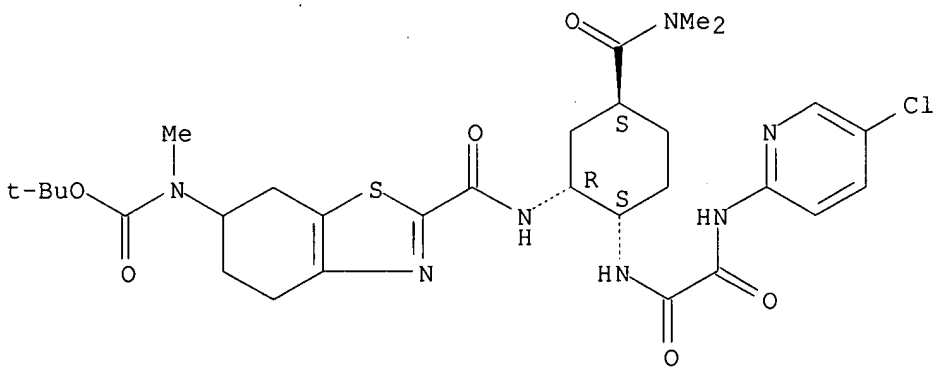
RN 480452-44-6 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-49-1 HCAPLUS
CN Carbamic acid, [2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-4,5,6,7-tetrahydro-6-benzothiazolyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

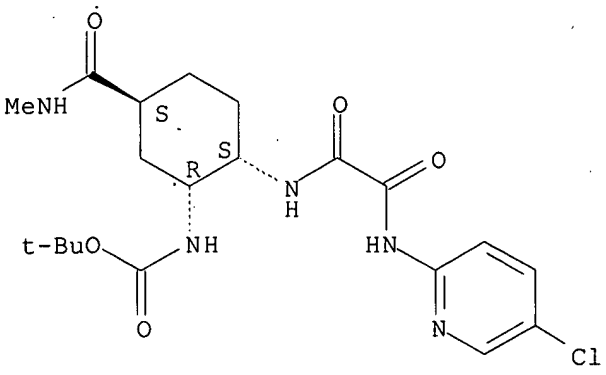


RN 500571-37-9 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(methylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

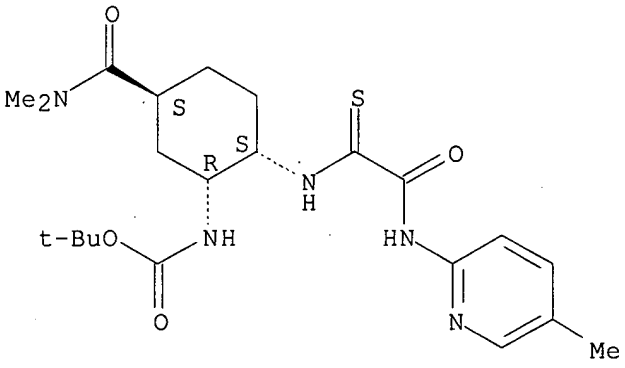
Updated Search

1077334



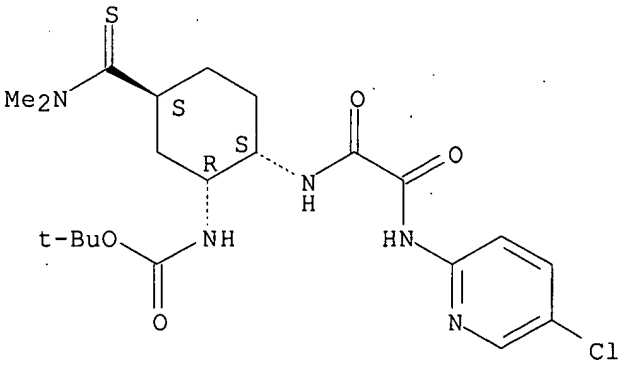
RN 500571-40-4 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-methyl-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 500571-44-8 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)thioxomethyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

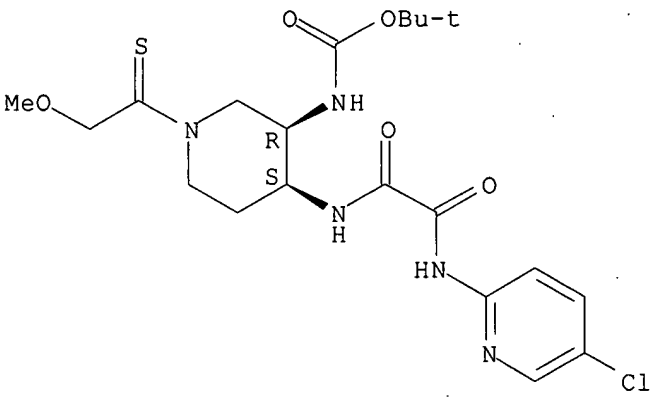
Absolute stereochemistry.



Updated Search

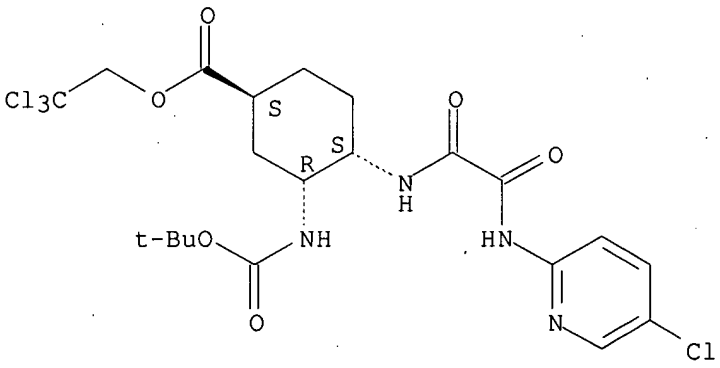
RN 500571-48-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(2-methoxy-1-thioxoethyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 500571-53-9 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(1,1-dimethylethoxy)carbonyl]amino]-, 2,2,2-trichloroethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

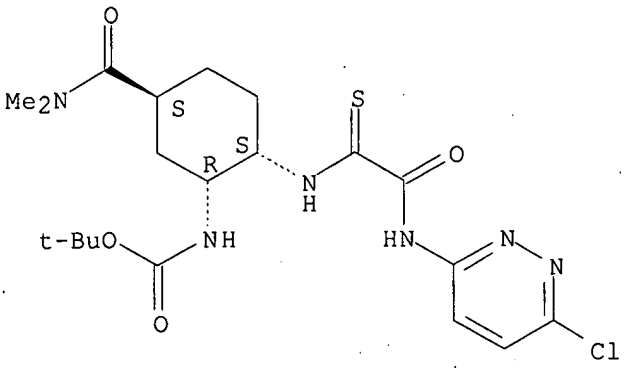


RN 500571-58-4 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridazinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

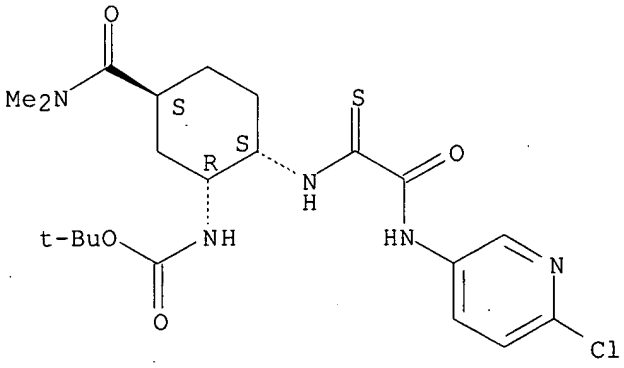
Updated Search

1077334



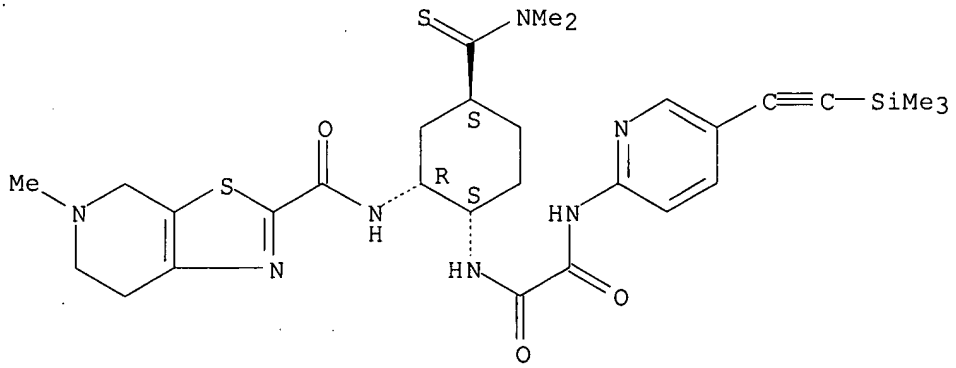
RN 500571-62-0 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 834919-05-0 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)thioxomethyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-[5-[(trimethylsilyl)ethynyl]-2-pyridinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



Updated Search

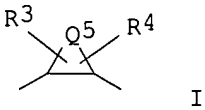
1077334

L16 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:565212 HCAPLUS
DOCUMENT NUMBER: 141:106461
TITLE: Preparation of heterocyclyl moiety-containing diamine derivatives as factor Xa inhibitors
INVENTOR(S): Ohta, Toshiharu; Komoriya, Satoshi; Yoshino, Toshiharu; Uoto, Kouichi; Nakamoto, Yumi; Naito, Hiroyuki; Mochizuki, Akiyoshi; Nagata, Tsutomu; Kanno, Hideyuki; Haginoya, Noriyasu; Yoshikawa, Kenji; Nagamochi, Masatoshi; Kobayashi, Syozo; Ono, Makoto
PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 1156 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004058715	A1	20040715	WO 2003-JP16783	20031225
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2511493	A1	20040715	CA 2003-2511493	20031225
AU 2003292828	A1	20040722	AU 2003-292828	20031225
EP 1577301	A1	20050921	EP 2003-768266	20031225
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1751025	A	20060322	CN 2003-80109746	20031225
US 2006252837	A1	20061109	US 2006-540259	20060605

PRIORITY APPLN. INFO.:
JP 2002-373787 A 20021225
JP 2003-379163 A 20031107
WO 2003-JP16783 W 20031225

OTHER SOURCE(S): MARPAT 141:106461
GI



I

AB The title compds. Q1-Q2-T0-N(R1)-Q3-N(R2)-T1-Q4 [R1 and R2 represent each hydrogen, etc.; Q1 represents optionally substituted and saturated or unsatd. 5- to 6-membered cyclic hydrocarbyl, etc.; Q2 represents a single bond, etc.; Q3 represents I (wherein Q5 represent C1-8 alkylene, etc.; R3, R4 = H, alkyl, etc.; further detail on R3 and R4 is given); and T0 and T1 represent each carbonyl, etc.; Q4 represents (un)substituted aryl, etc.]

Updated Search

its salt, solvates thereof or N-oxides of the same are prepared These compds. are useful as preventives and/or remedies for cerebral infarction, cerebral embolism, myocardial infarction, angina, pulmonary infarction, pulmonary embolism, Burger's disease, multiorgan dysfunction syndrome (MODS), thrombosis in extracorporeal circulation and blood coagulation in blood collection, etc. Compds. of this invention in vitro showed IC50 values of 0.72 nM to 86 nM against human factor Xa.

IT 480448-29-1P 480448-40-6P 480448-41-7P
480448-42-8P 480448-43-9P 480448-44-0P
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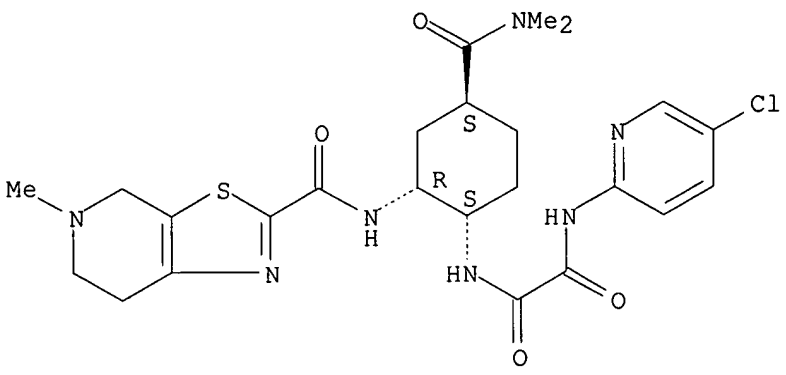
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heterocyclyl moiety-containing diamines as factor Xa inhibitors)

RN 480448-29-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

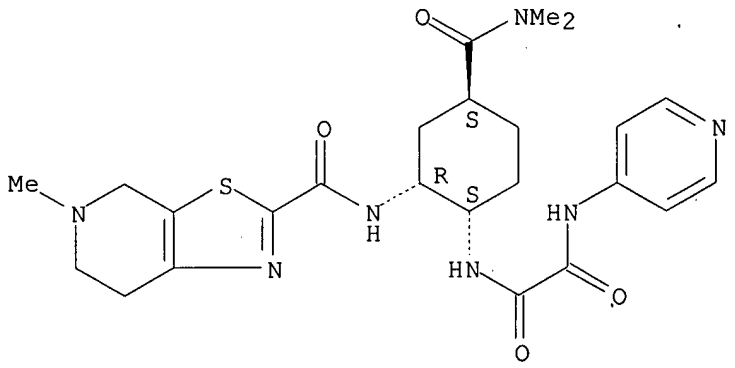
Updated Search



● HCl

RN 480448-40-6 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-4-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

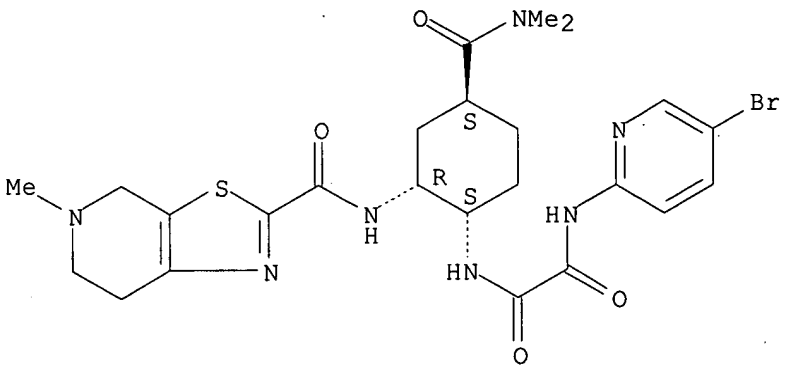


● HCl

RN 480448-41-7 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

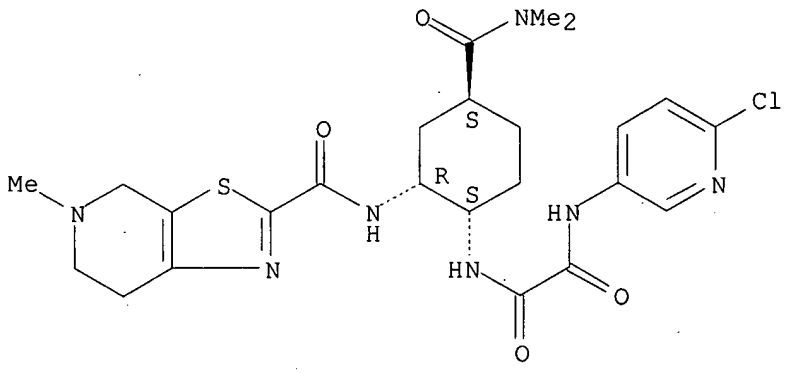
Updated Search



● HCl

RN 480448-42-8 HCAPLUS
CN Ethanediamide, N-(6-chloro-3-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

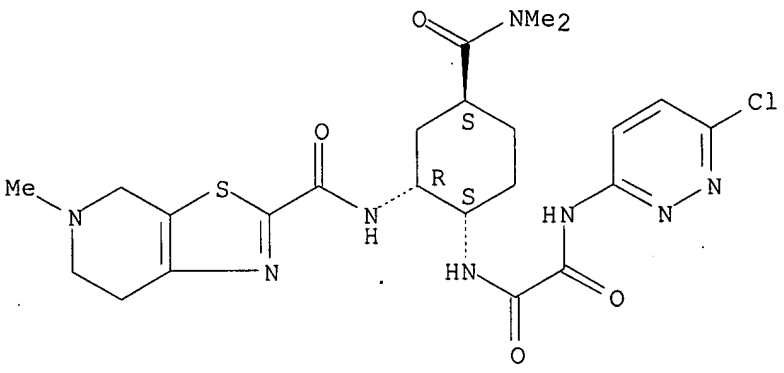


● HCl

RN 480448-43-9 HCAPLUS
CN Ethanediamide, N-(6-chloro-3-pyridazinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

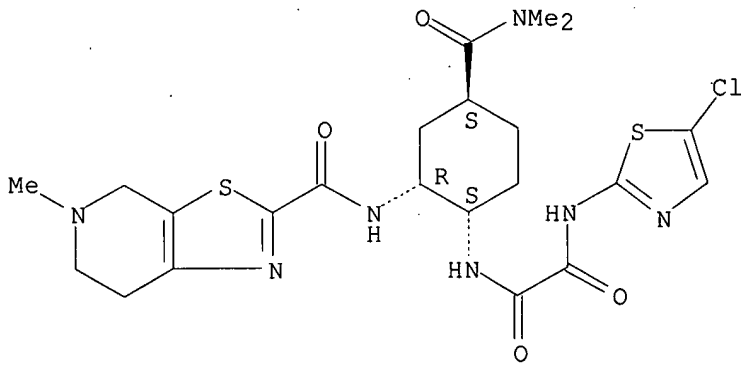
Updated Search



● HCl

RN 480448-44-0 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thiazolyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



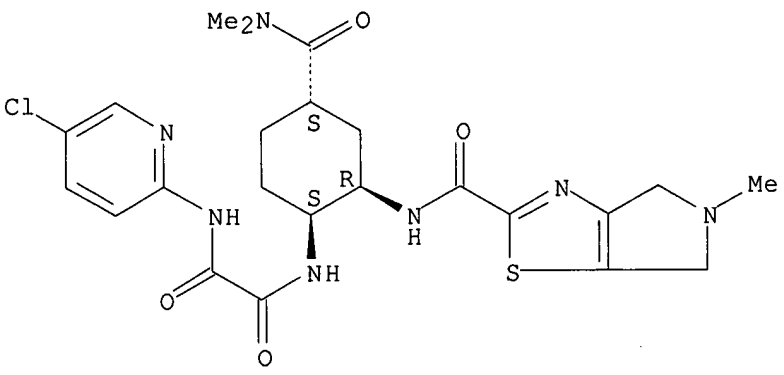
● HCl

RN 480448-45-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

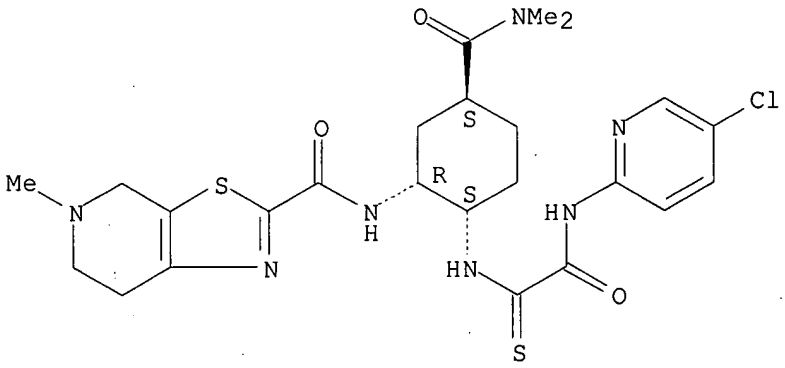
1077334



● HCl

RN 480449-04-5 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

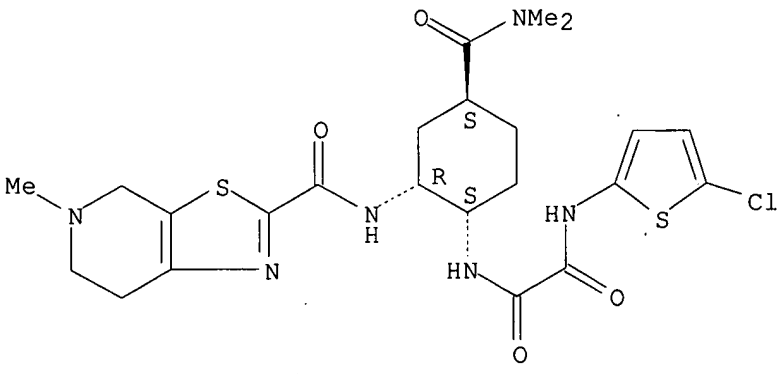


RN 480449-07-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

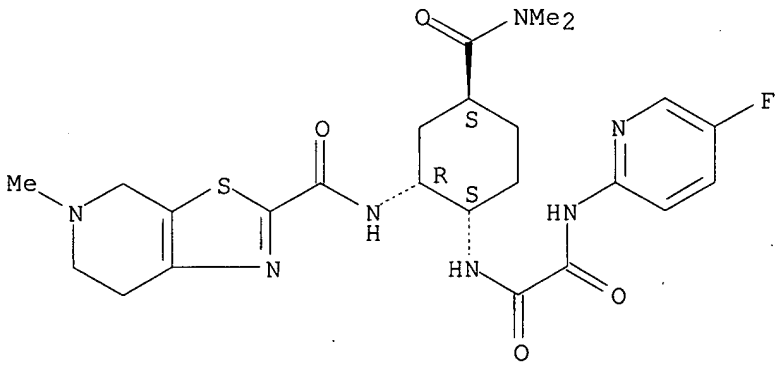
1077334



● HCl

RN 480449-09-0 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-fluoro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

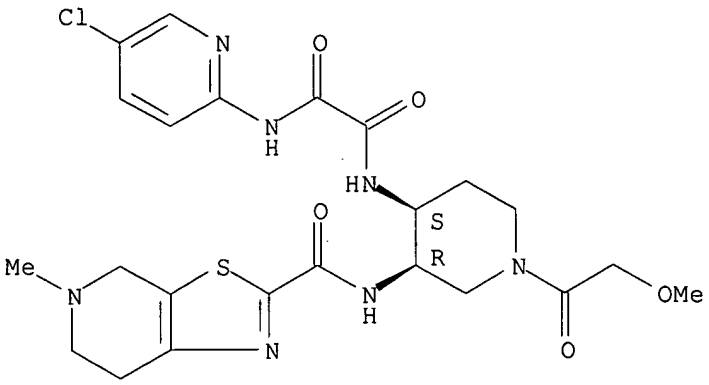


● HCl

RN 480449-18-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

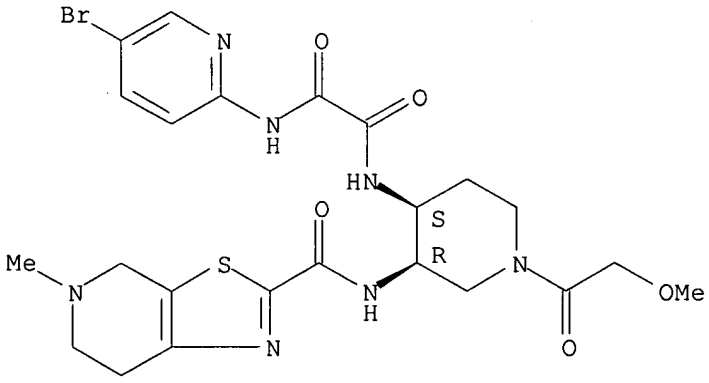
Updated Search



● HCl

RN 480449-19-2 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



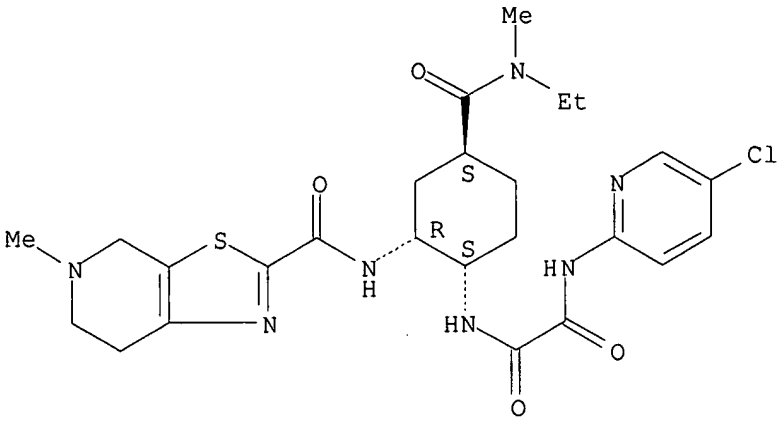
● HCl

RN 480449-22-7 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(ethylmethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

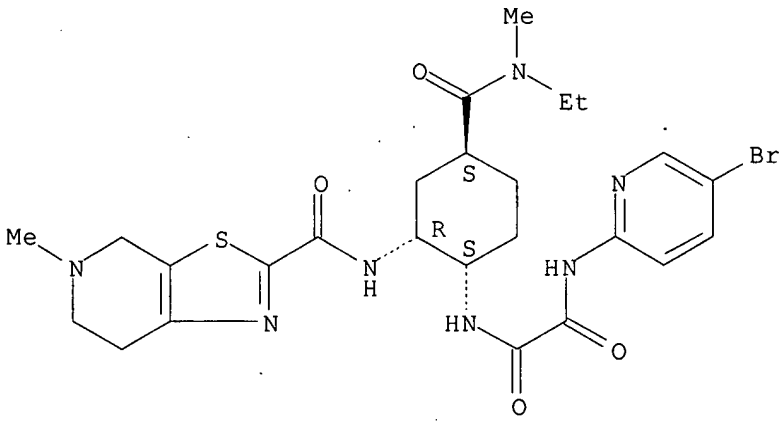
1077334



● HCl

RN 480449-24-9 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(ethylmethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

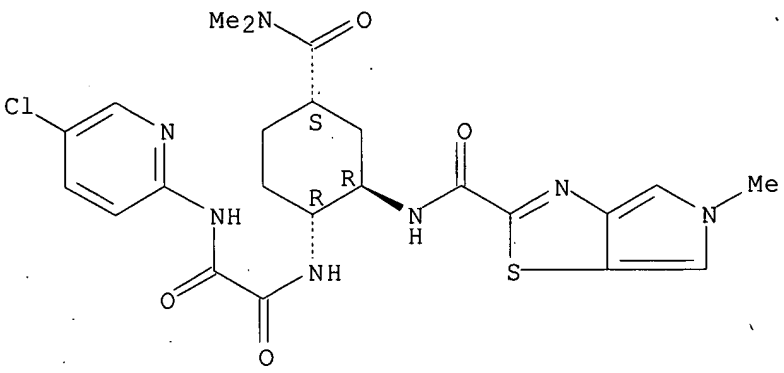


● HCl

RN 480449-27-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(5-methyl-5H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

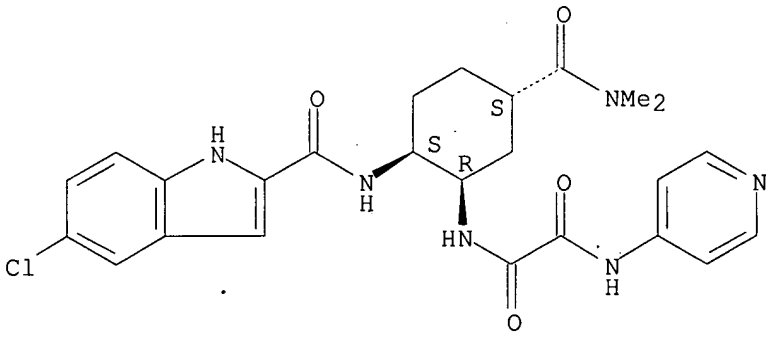
Absolute stereochemistry.

Updated Search



RN 480449-30-7 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[('dimethylamino)carbonyl]cyclohexyl]-N'-4-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

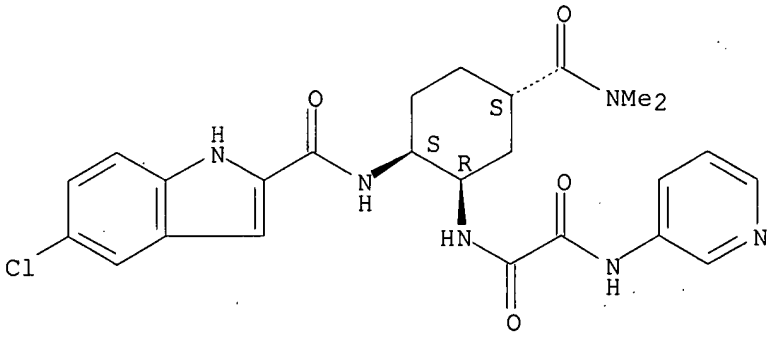
Absolute stereochemistry.



● HCl

RN 480449-31-8 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-3-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

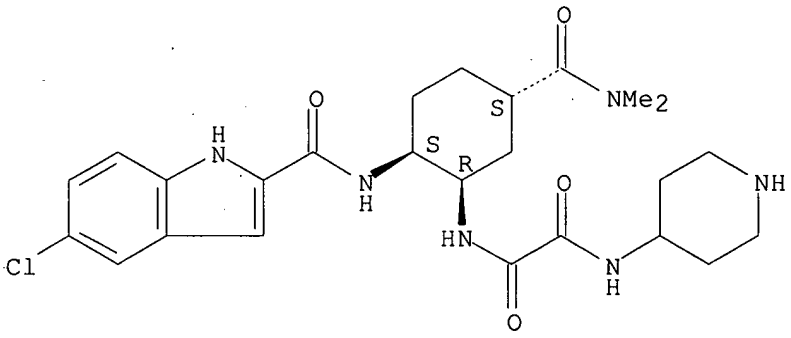
Absolute stereochemistry.



● HCl

RN 480449-32-9 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-4-piperidinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



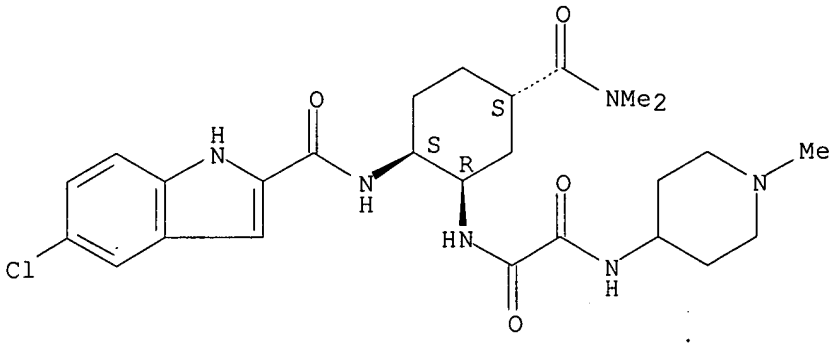
● HCl

RN 480449-33-0 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-(1-methyl-4-piperidinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

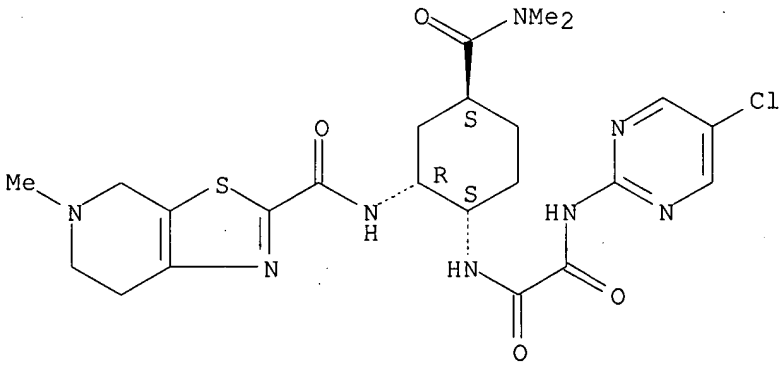
1077334



● HCl

RN 480449-35-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyrimidinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



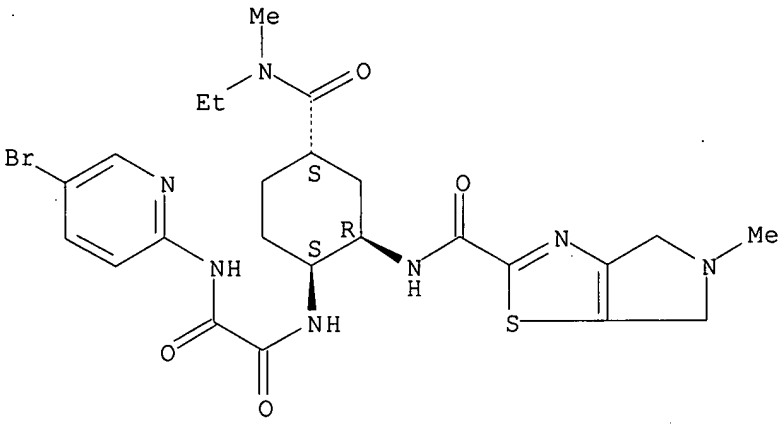
● HCl

RN 480449-37-4 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

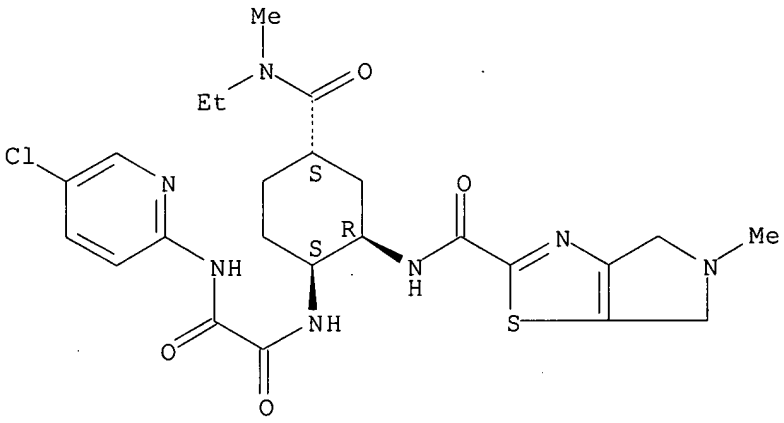
1077334



● HCl

RN 480449-38-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



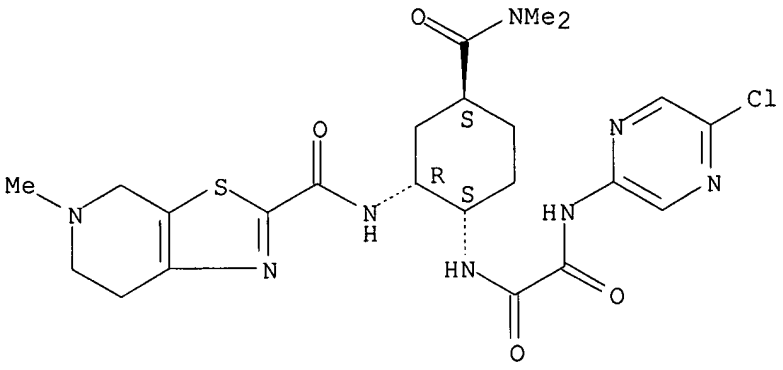
● HCl

RN 480449-43-2 HCAPLUS
CN Ethanediamide, N-(5-chloropyrazinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

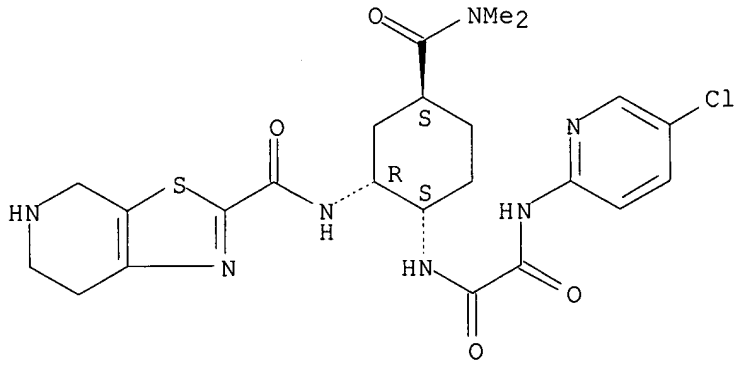
1077334



● HCl

RN 480449-52-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



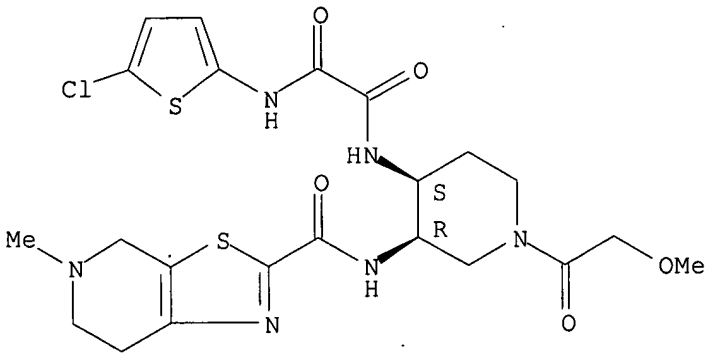
● HCl

RN 480449-57-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

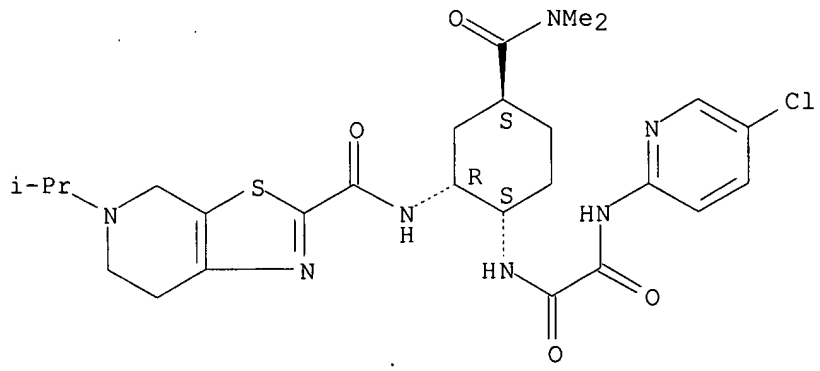
1077334



● HCl

RN 480449-63-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-(1-methylethyl)thiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



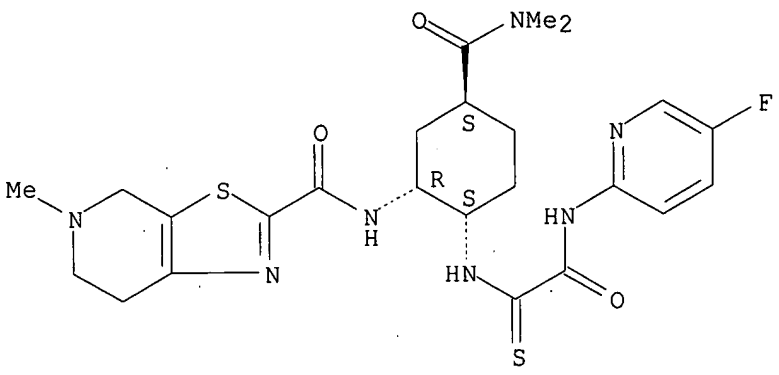
● HCl

RN 480449-65-8 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

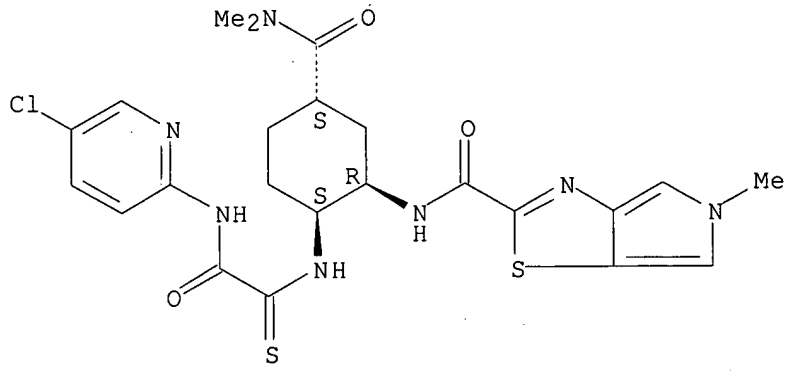
1077334



● HCl

RN 480449-66-9 HCAPLUS
CN 5H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5-methyl- (9CI) (CA INDEX NAME)

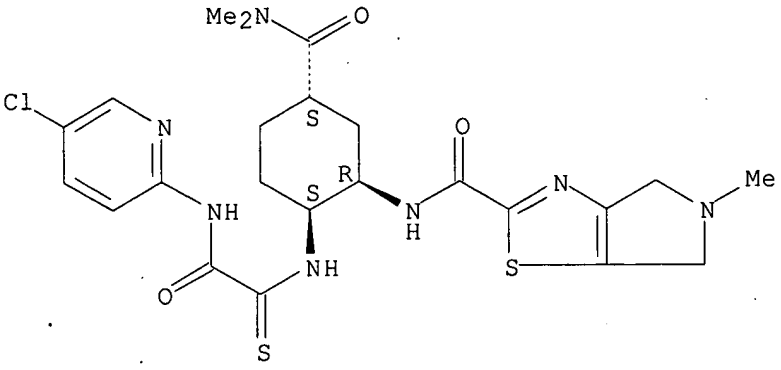
Absolute stereochemistry.



RN 480449-67-0 HCAPLUS
CN 4H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5,6-dihydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

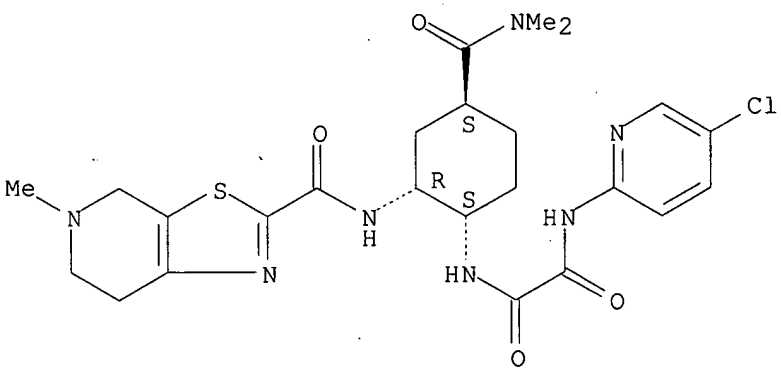
Updated Search



● HCl

RN 480449-70-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

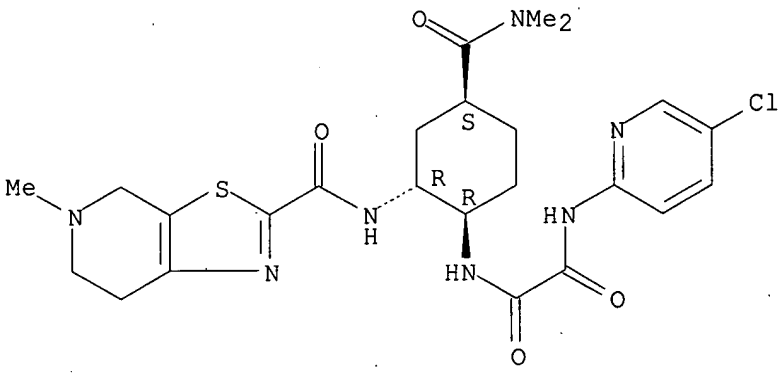
Absolute stereochemistry.



RN 500572-10-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

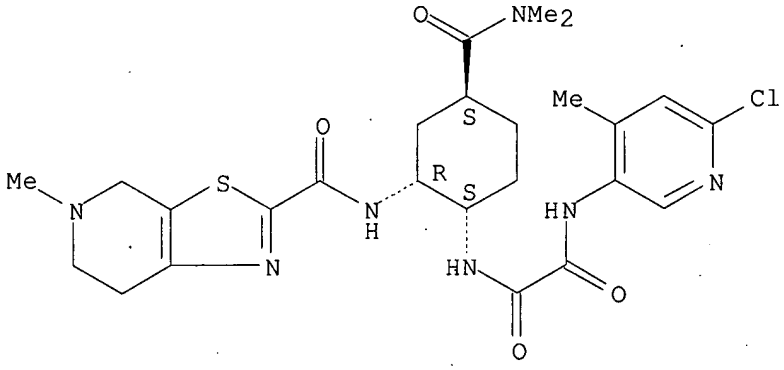
Absolute stereochemistry.

Updated Search



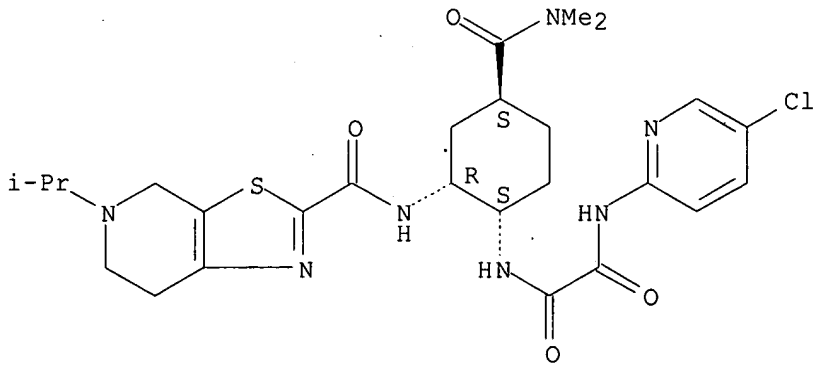
RN 500572-15-6 HCAPLUS
CN Ethanediamide, N-(6-chloro-4-methyl-3-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 500572-20-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-(1-methylethyl)thiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

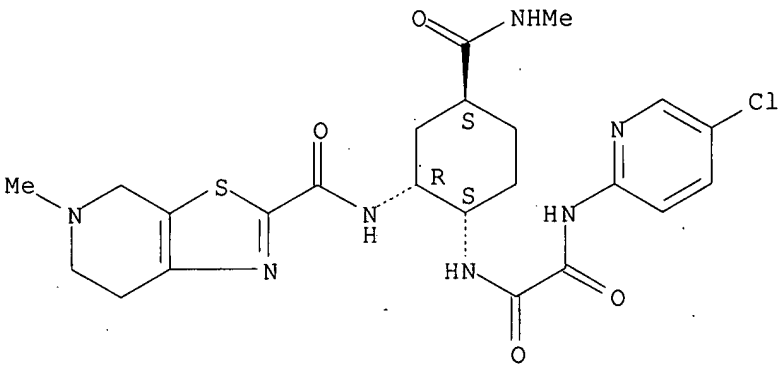


Updated Search

1077334

RN 500572-21-4 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(methylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

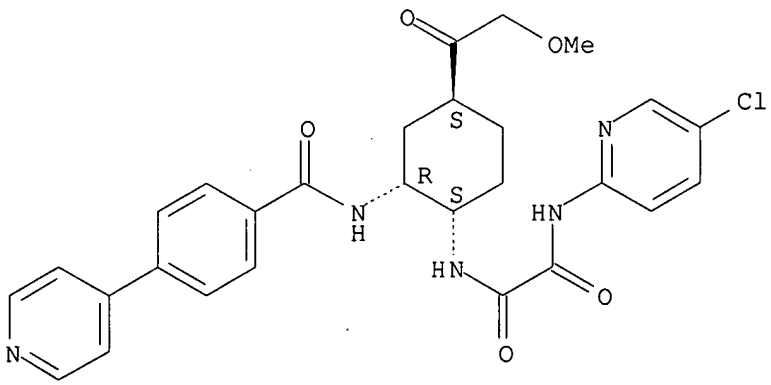
Absolute stereochemistry.



● HCl

RN 500572-22-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(methoxyacetyl)-2-[[4-(4-pyridinyl)benzoyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

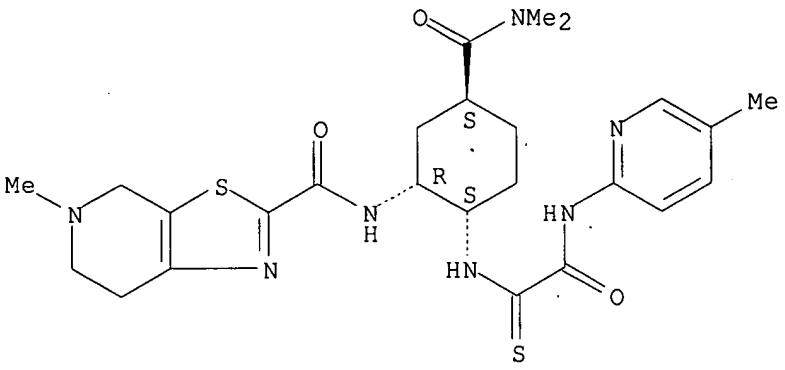


● HCl

RN 500572-23-6 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-methyl-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Updated Search

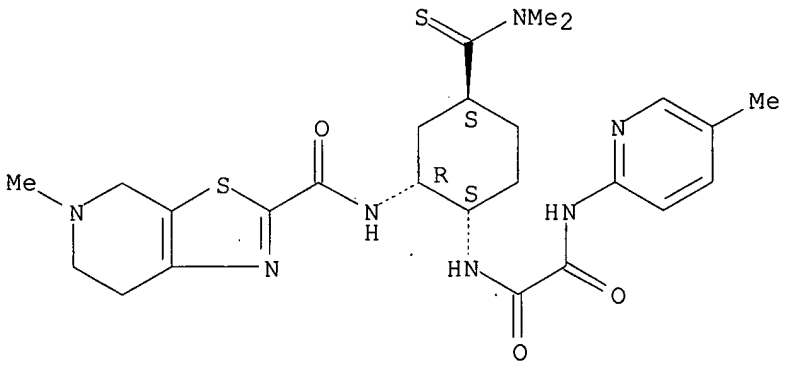
Absolute stereochemistry.



● HCl

RN 500572-25-8 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)thioxomethyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-methyl-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



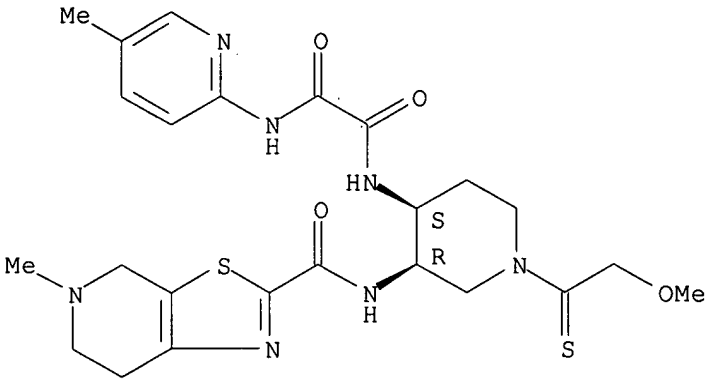
● HCl

RN 500572-26-9 HCAPLUS
CN Ethanediamide, N-[(3R,4S)-1-(2-methoxy-1-thioxoethyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-N'-(5-methyl-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

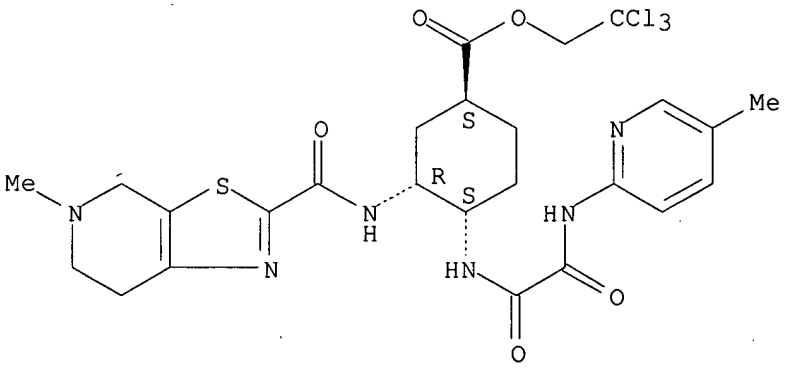
1077334



● HCl

RN 500572-27-0 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[[(5-methyl-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, 2,2,2-trichloroethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

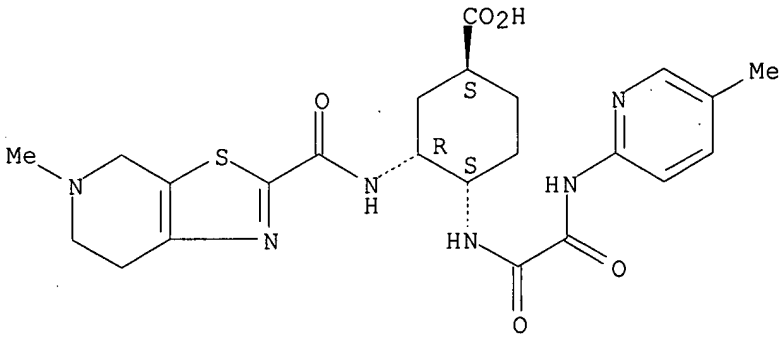
Absolute stereochemistry.



RN 500572-28-1 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[[(5-methyl-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, (1S,3R,4S)- (9CI) (CA INDEX NAME)

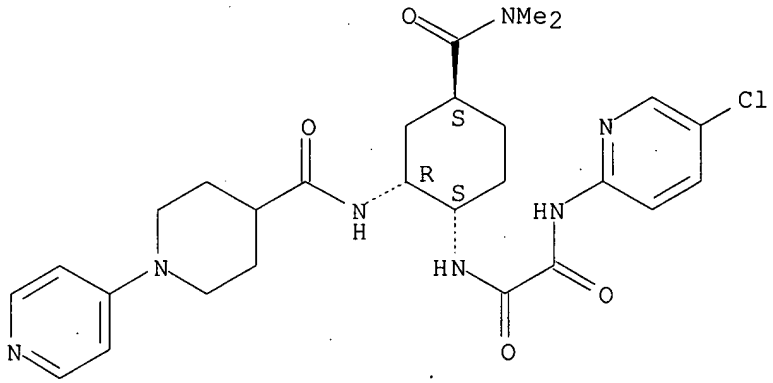
Absolute stereochemistry.

Updated Search



RN 500572-30-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[1-(4-pyridinyl)-4-piperidinyl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

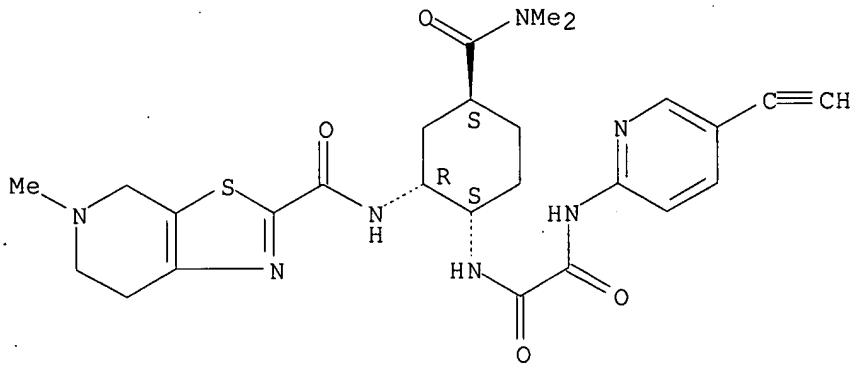


● HCl

RN 500572-31-6 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-ethynyl-2-pyridinyl)- (9CI) (CA INDEX NAME)

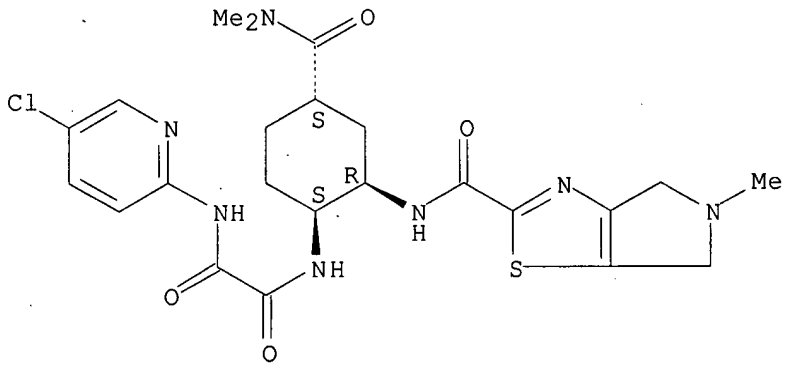
Absolute stereochemistry.

Updated Search



RN 500572-32-7 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]- (9CI) (CA INDEX NAME)

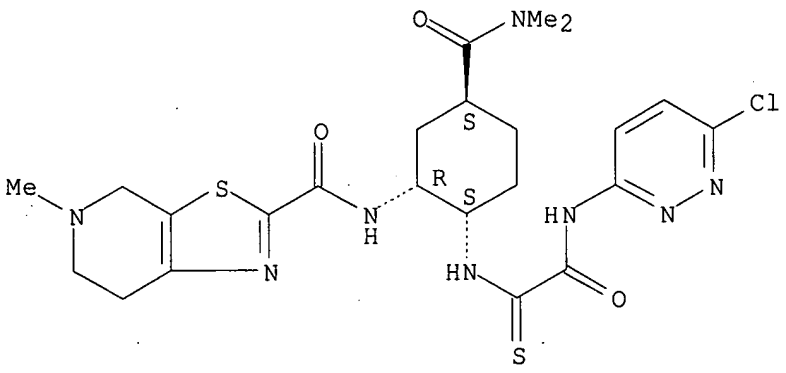
Absolute stereochemistry.



RN 500572-33-8 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridazinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

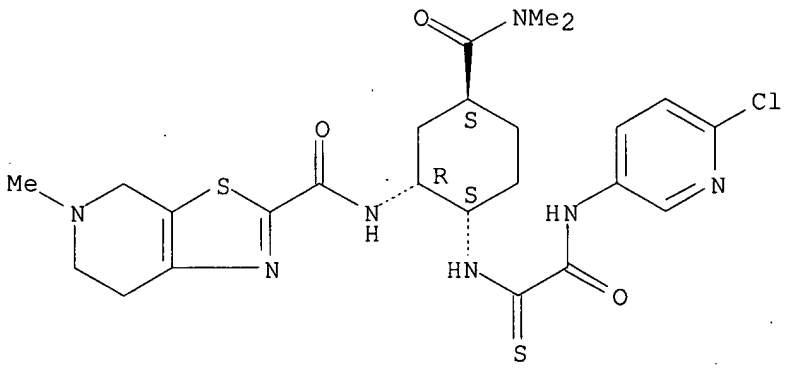
Updated Search



● HCl

RN 500572-34-9 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

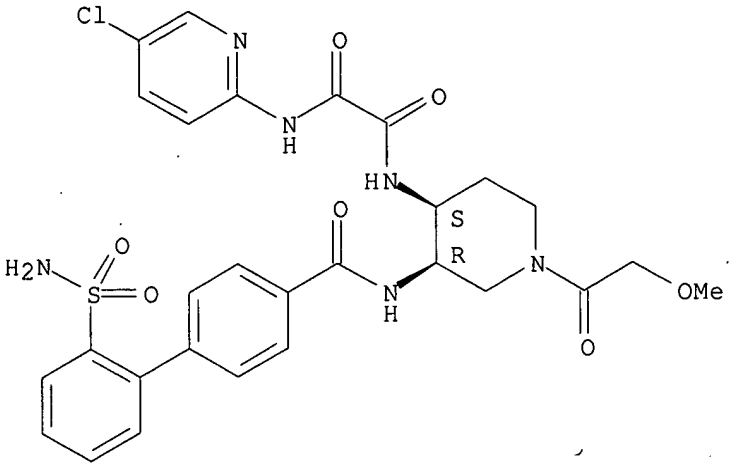


● HCl

RN 500572-35-0 HCAPLUS
CN Ethanediamide, N-[(3R,4S)-3-[[[2'-(aminosulfonyl)[1,1'-biphenyl]-4-yl]carbonyl]amino]-1-(methoxyacetyl)-4-piperidinyl]-N'-(5-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

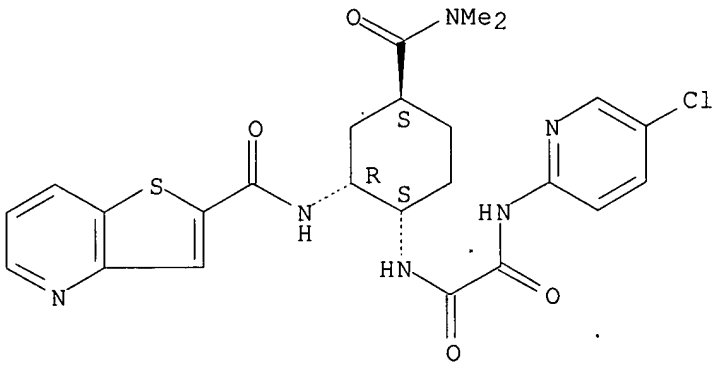
Absolute stereochemistry.

Updated Search



RN 500572-36-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[(thieno[3,2-b]pyridin-2-ylcarbonyl)amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

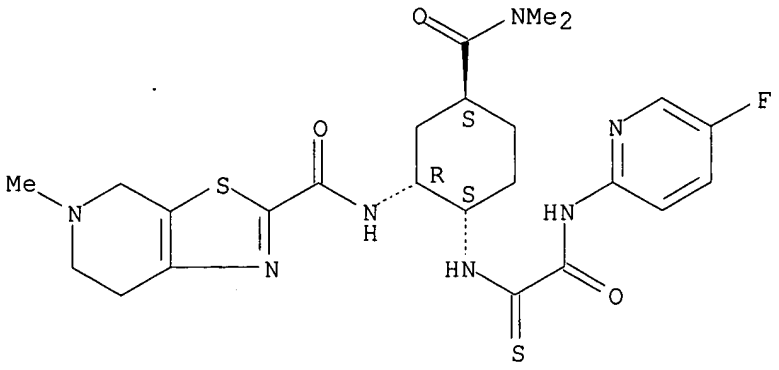


● HCl

RN 687634-02-2 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI) (CA INDEX NAME)

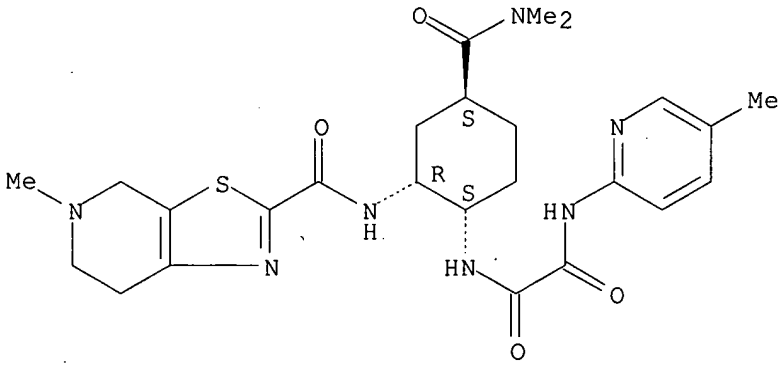
Absolute stereochemistry.

Updated Search



RN 720721-37-9 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-methyl-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

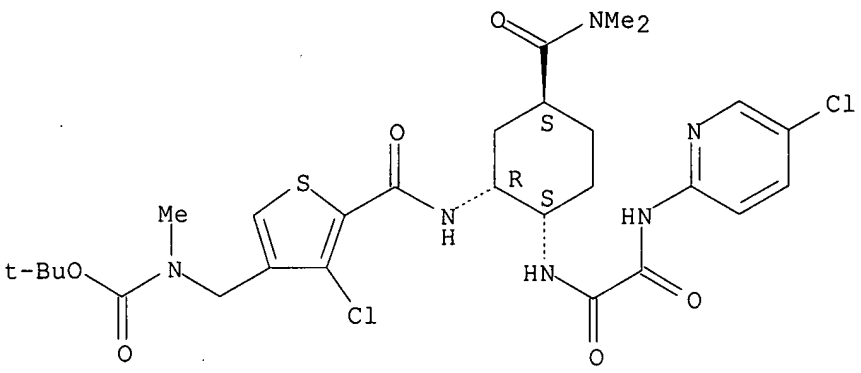
Absolute stereochemistry.



● HCl

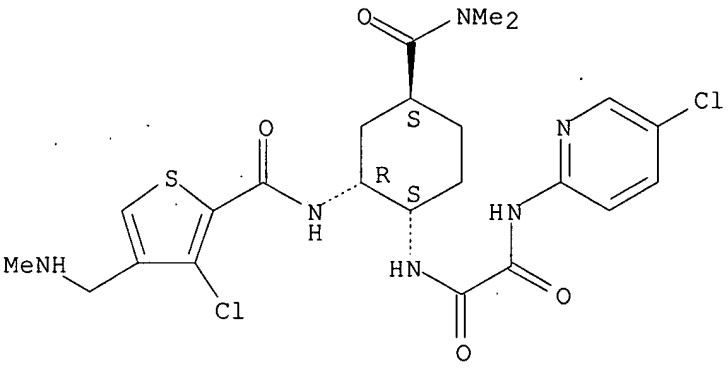
RN 720721-39-1 HCAPLUS
CN Carbamic acid, [[4-chloro-5-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-3-thienyl]methyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 720721-40-4 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-2-[[[3-chloro-4-[(methylamino)methyl]-2-thienyl]carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-N'-(5-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

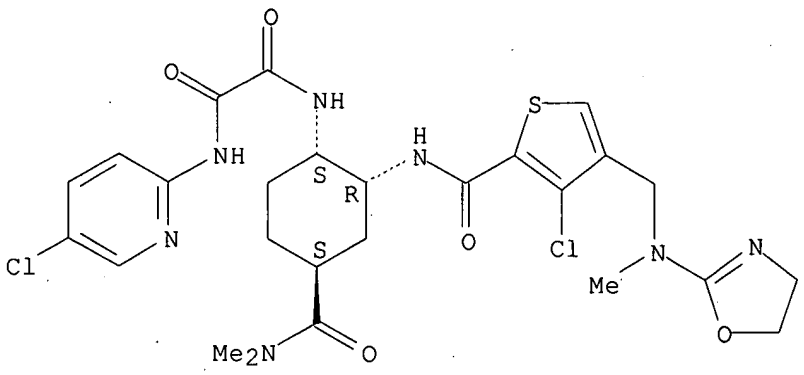
Absolute stereochemistry.



RN 720721-41-5 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-2-[[[3-chloro-4-[[(4,5-dihydro-2-oxazolyl)methylamino]methyl]-2-thienyl]carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-N'-(5-chloro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

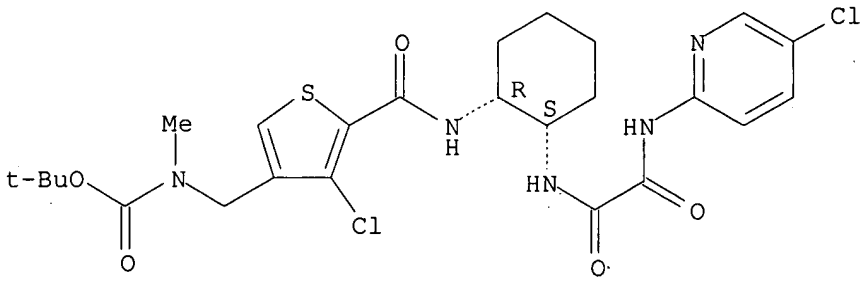
Updated Search



● HCl

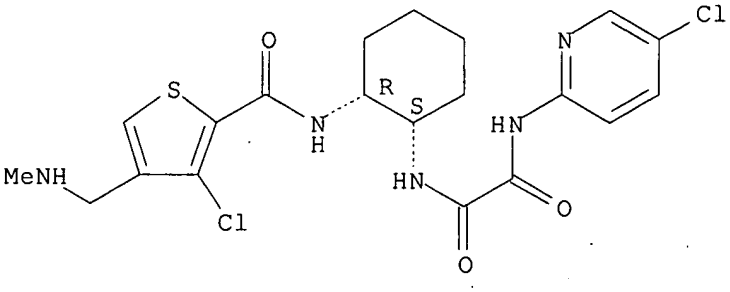
RN 720721-42-6 HCAPLUS
CN Carbamic acid, [[4-chloro-5-[[[(1R,2S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]cyclohexyl]amino]carbonyl]-3-thienyl]methyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 720721-43-7 HCAPLUS
CN Ethanediamide, N-[(1S,2R)-2-[[[3-chloro-4-[(methylamino)methyl]-2-thienyl]carbonyl]amino]cyclohexyl]-N'-(5-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

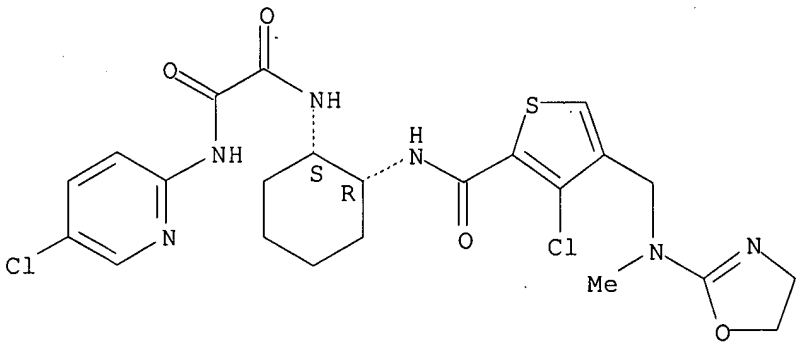


RN 720721-44-8 HCAPLUS
CN Ethanediamide, N-[(1S,2R)-2-[[[3-chloro-4-[[(4,5-dihydro-2-

Updated Search

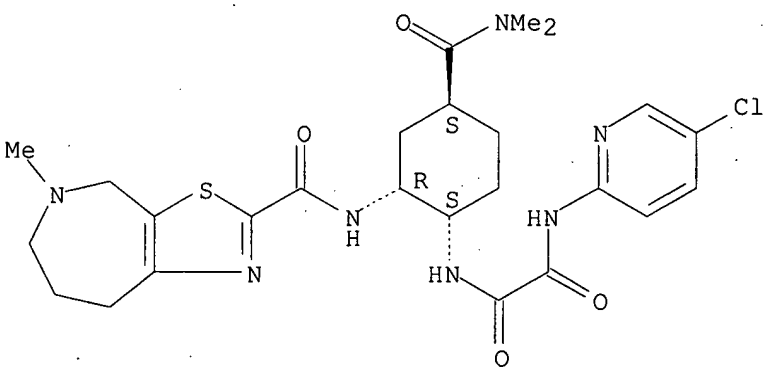
oxazolyl)methylamino]methyl]-2-thienyl]carbonyl]amino]cyclohexyl]-N'-(5-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 720721-45-9 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(5,6,7,8-tetrahydro-5-methyl-4H-thiazolo[5,4-c]azepin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 720721-46-0 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-4,4,5-trimethyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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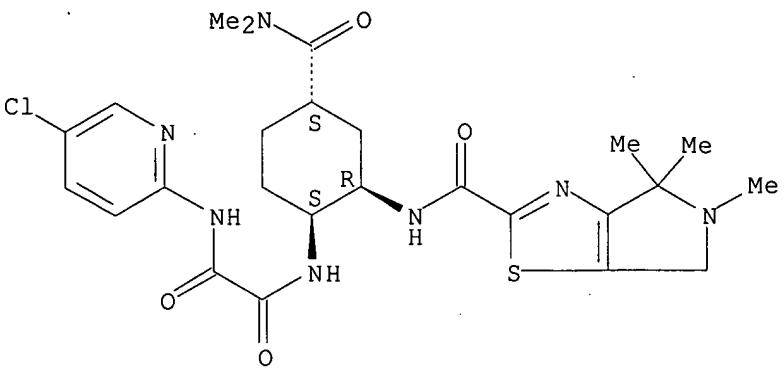
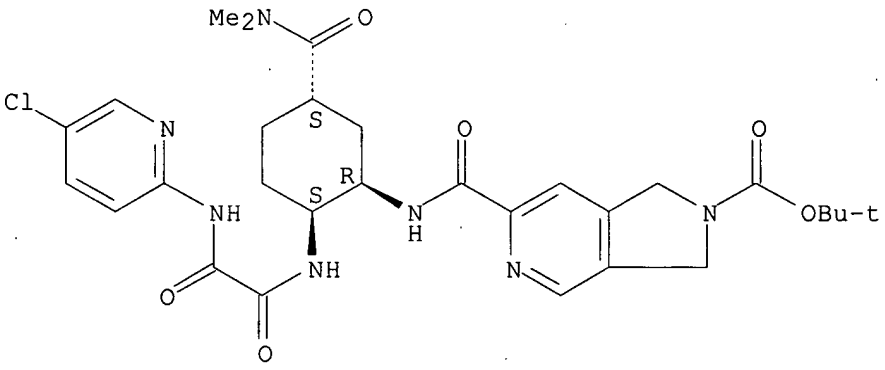


● HCl

RN 720721-47-1 HCAPLUS
CN 2H-Pyrrolo[3,4-c]pyridine-2-carboxylic acid, 6-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-1,3-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 720721-48-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(2,3-dihydro-1H-pyrrolo[3,4-c]pyridin-6-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

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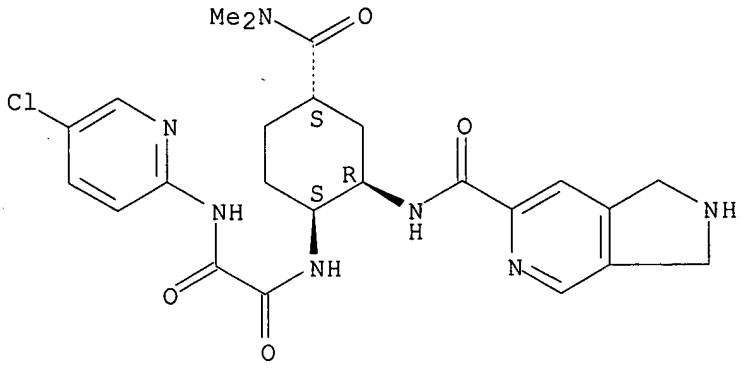
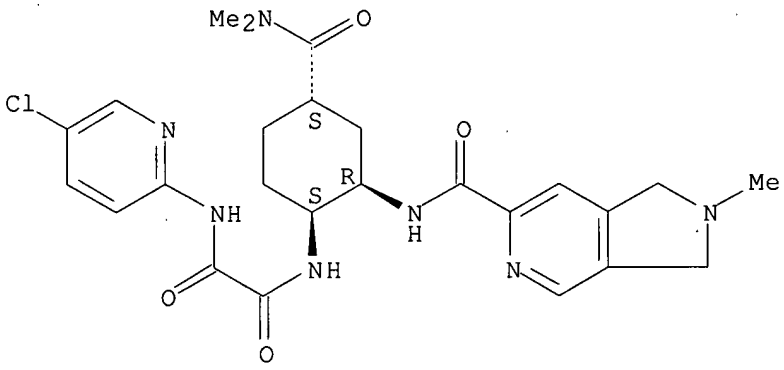


● HCl

RN 720721-49-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(2,3-dihydro-2-methyl-1H-pyrrolo[3,4-c]pyridin-6-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 720721-50-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(5,6,7,8-tetrahydro-1,6-naphthyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

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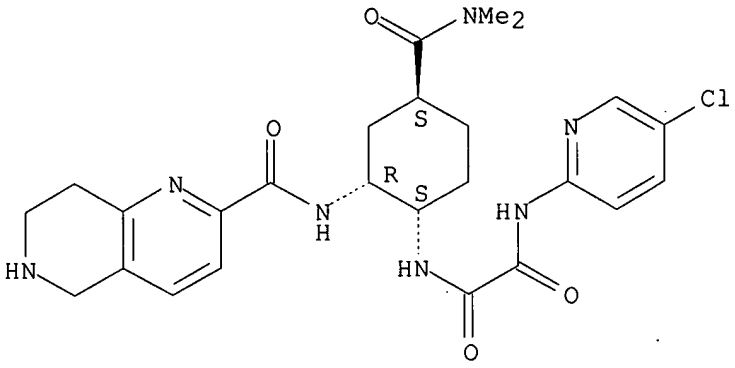
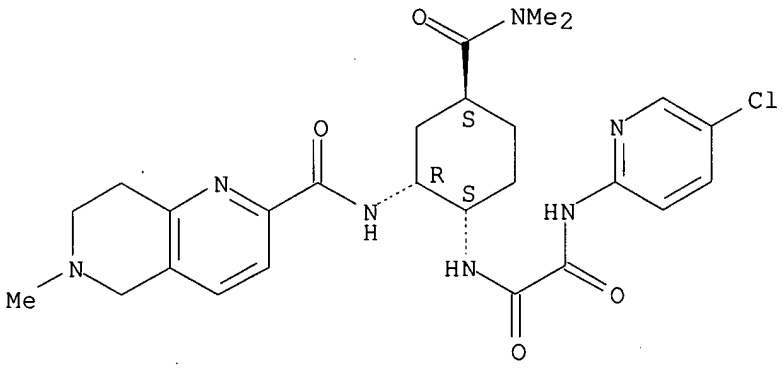


● HCl

RN 720721-51-7 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(5,6,7,8-tetrahydro-6-methyl-1,6-naphthyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

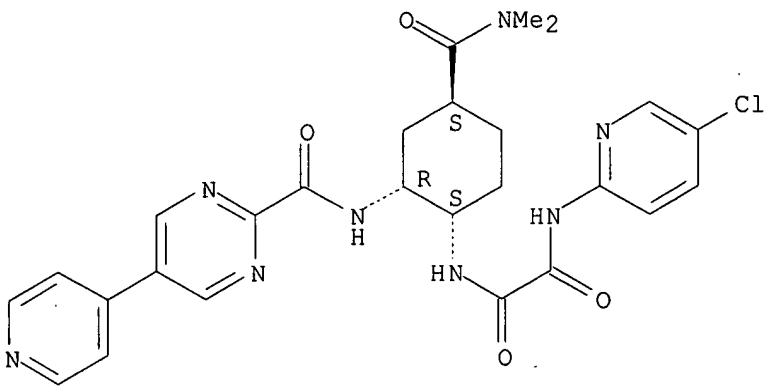


● HCl

RN 720721-52-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[5-(4-pyridinyl)-2-pyrimidinyl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

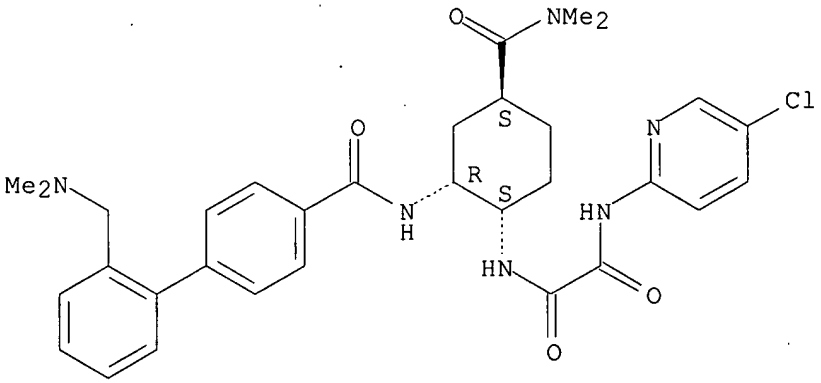
Updated Search



● HCl

RN 720721-53-9 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[2'-[(dimethylamino)methyl][1,1'-biphenyl]-4-yl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

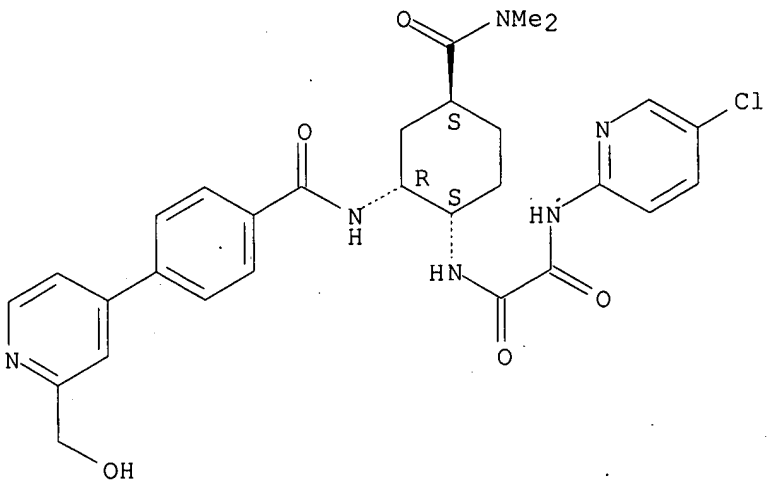


● HCl

RN 720721-54-0 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4-[2-(hydroxymethyl)-4-pyridinyl]benzoyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

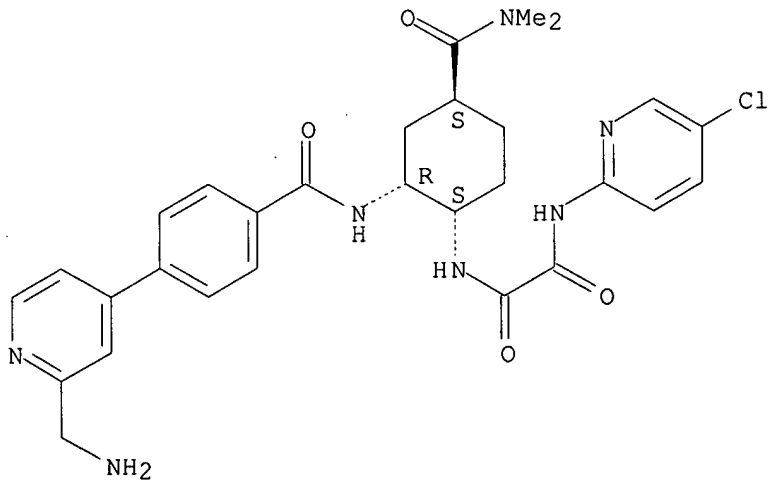
Updated Search



● HCl

RN 720721-55-1 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-2-[[4-[2-(aminomethyl)-4-pyridinyl]benzoyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-N'-(5-chloro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

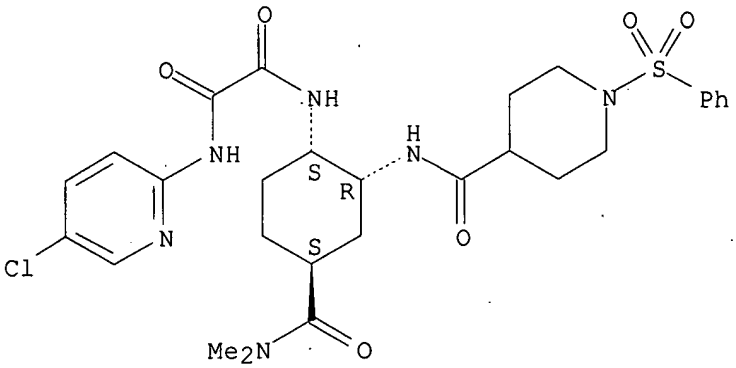


● HCl

RN 720721-56-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[1-(phenylsulfonyl)-4-piperidinyl]carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

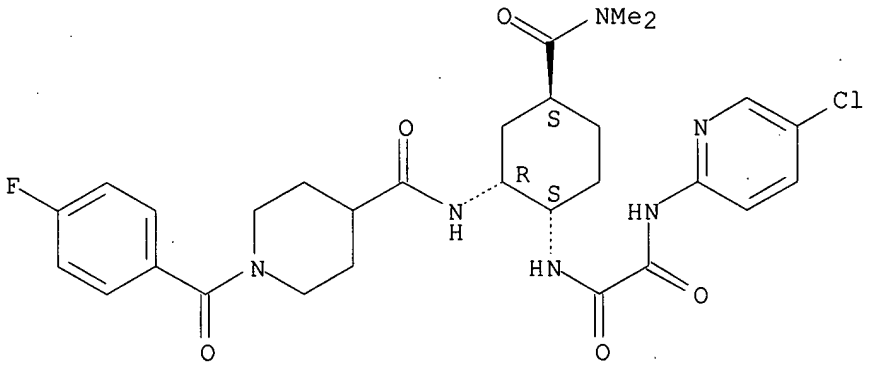
Absolute stereochemistry.

Updated Search



RN 720721-57-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[1-(4-fluorobenzoyl)-4-piperidinyl]carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

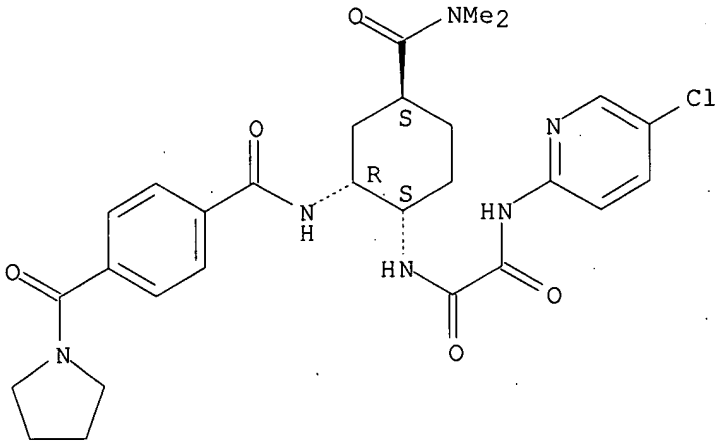
Absolute stereochemistry.



RN 720721-58-4 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4-(1-pyrrolidinylcarbonyl)benzoyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

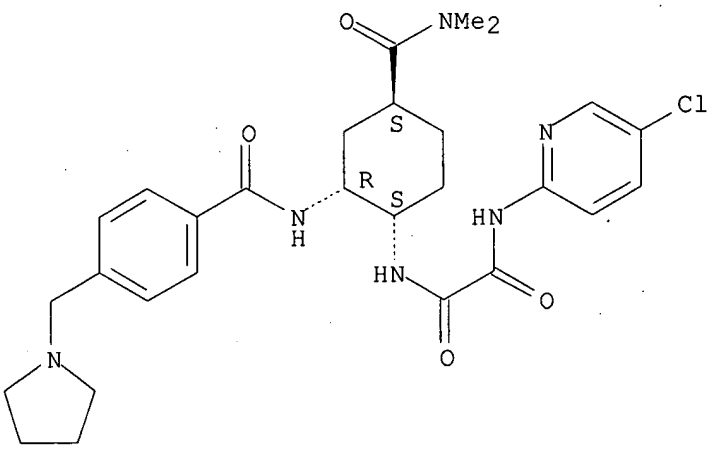
Absolute stereochemistry.

Updated Search



RN 720721-59-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4-(1-pyrrolidinylmethyl)benzoyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 720721-60-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(methylamino)thioxomethyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

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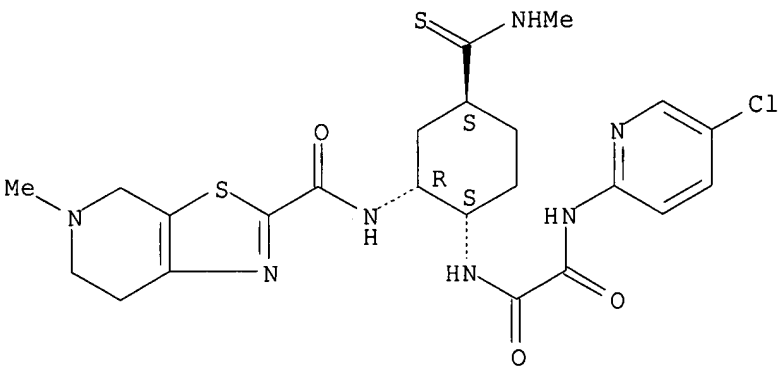
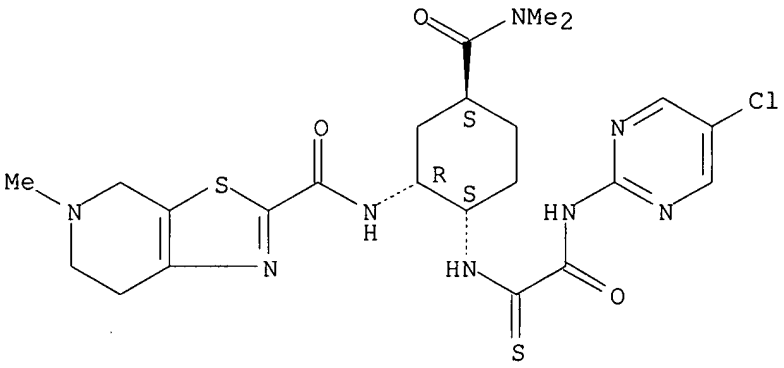


● HCl

RN 720721-63-1 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyrimidinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



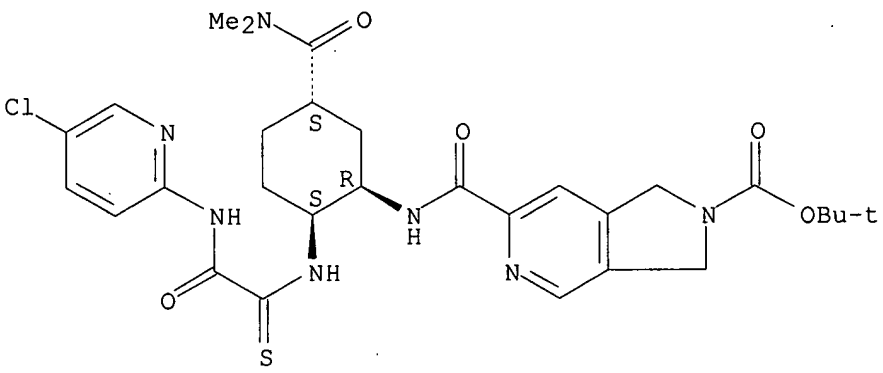
● HCl

RN 720721-66-4 HCAPLUS
CN 2H-Pyrrolo[3,4-c]pyridine-2-carboxylic acid, 6-[[[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-1,3-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

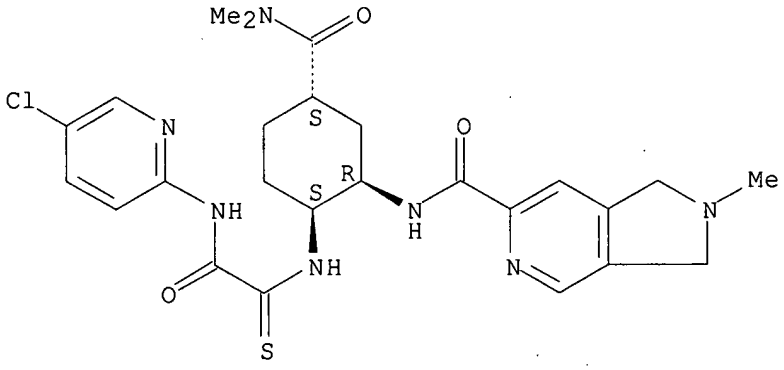
Updated Search

1077334



RN 720721-67-5 HCAPLUS
CN 1H-Pyrrolo[3,4-c]pyridine-6-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-2,3-dihydro-2-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



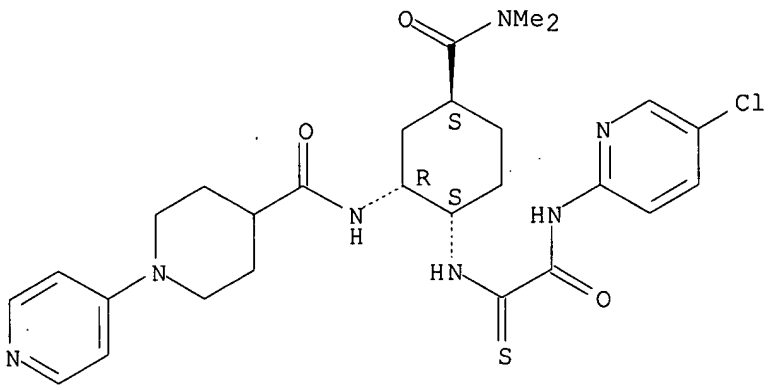
● HCl

RN 720721-68-6 HCAPLUS
CN 4-Piperidinecarboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-1-(4-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

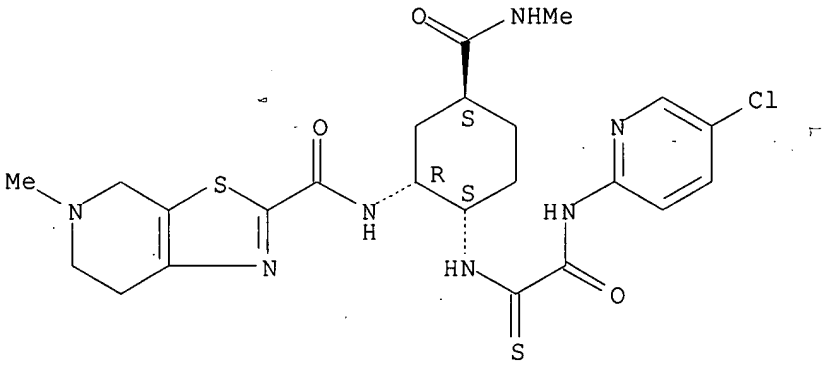
1077334



● HCl

RN 720721-73-3 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(methylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



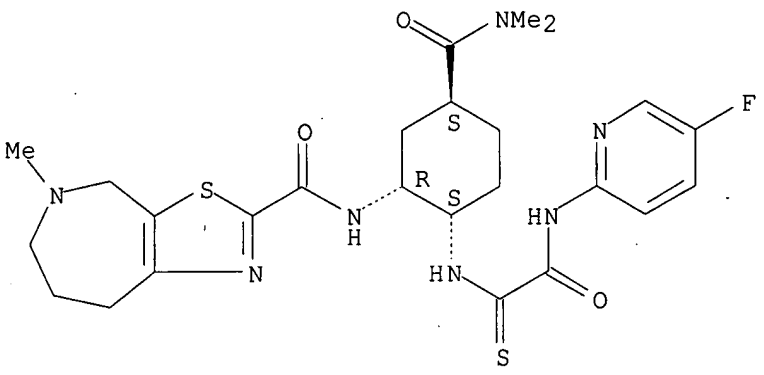
● HCl

RN 720721-74-4 HCAPLUS
CN 4H-Thiazolo[5,4-c]azepine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-5,6,7,8-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

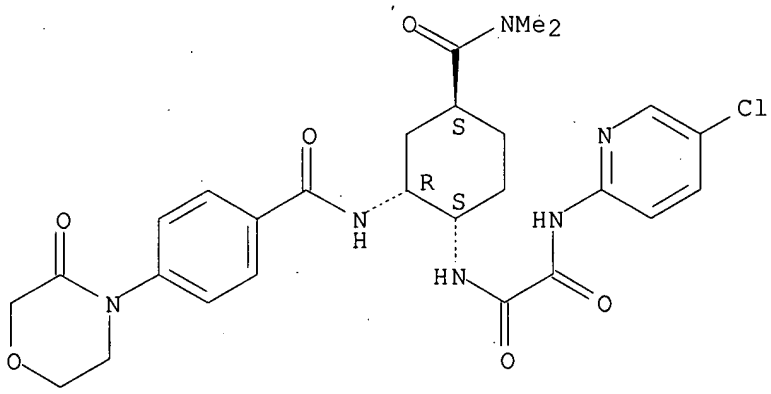
1077334



● HCl

RN 720721-83-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4-(3-oxo-4-morpholinyl)benzoyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

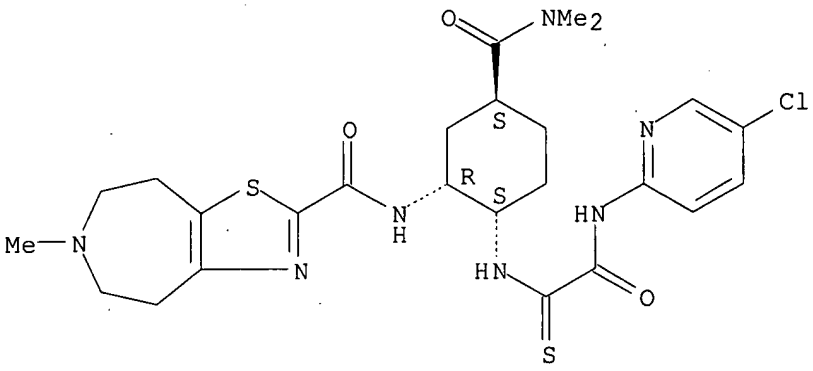


RN 720721-85-7 HCAPLUS
CN 4H-Thiazolo[4,5-d]azepine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5,6,7,8-tetrahydro-6-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

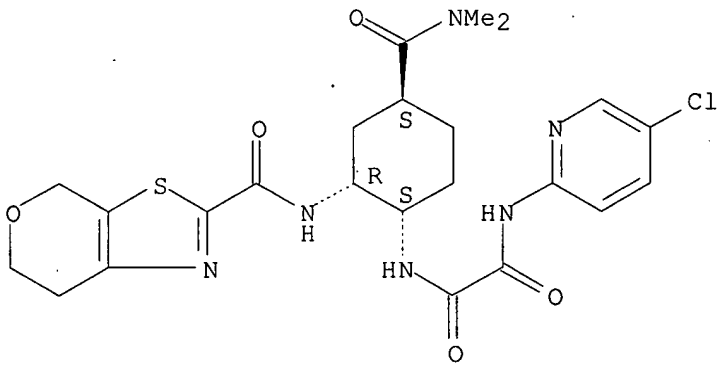
1077334



● HCl

RN 720721-86-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(6,7-dihydro-4H-pyrano[4,3-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]- (9CI) (CA INDEX NAME)

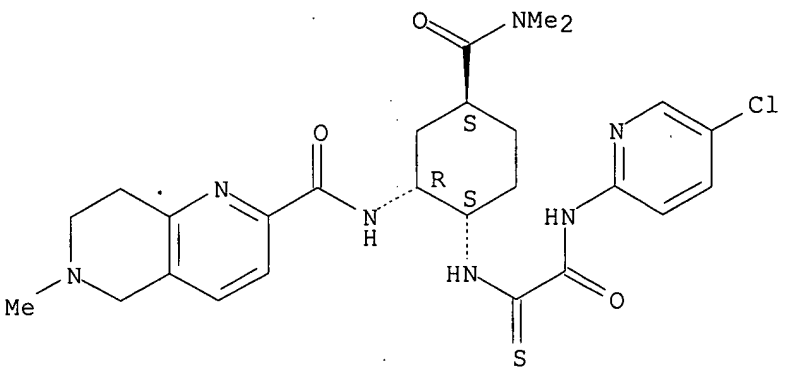
Absolute stereochemistry.



RN 720721-87-9 HCAPLUS
CN 1,6-Naphthyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5,6,7,8-tetrahydro-6-methyl- (9CI) (CA INDEX NAME)

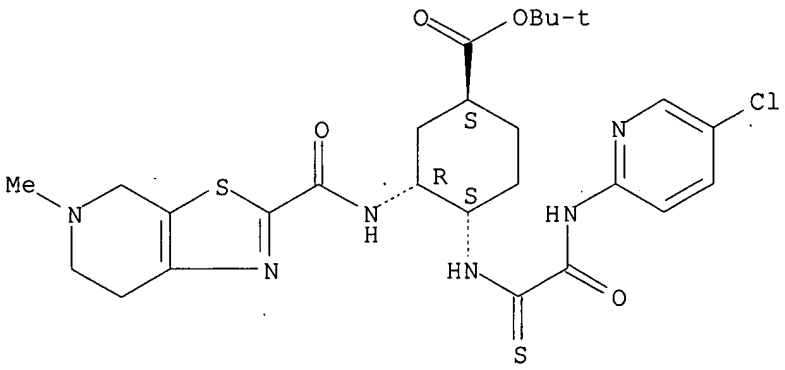
Absolute stereochemistry.

Updated Search



RN 720721-88-0 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, 1,1-dimethylethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

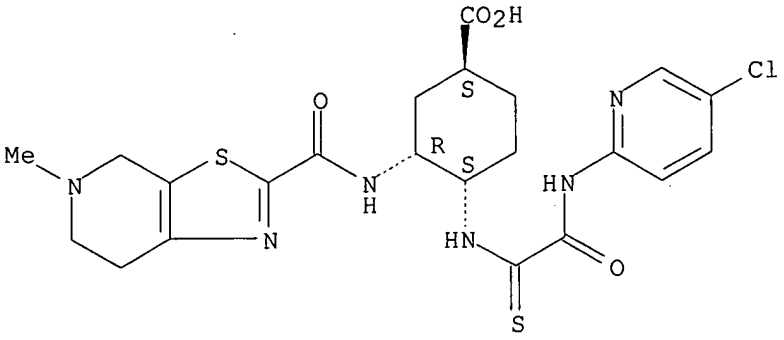


RN 720721-89-1 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, monohydrochloride, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

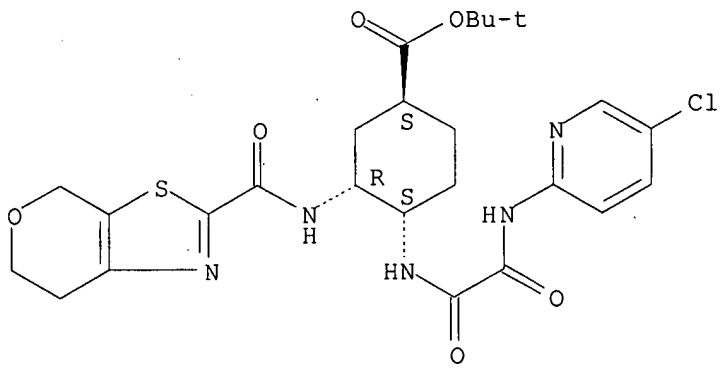
1077334



● HCl

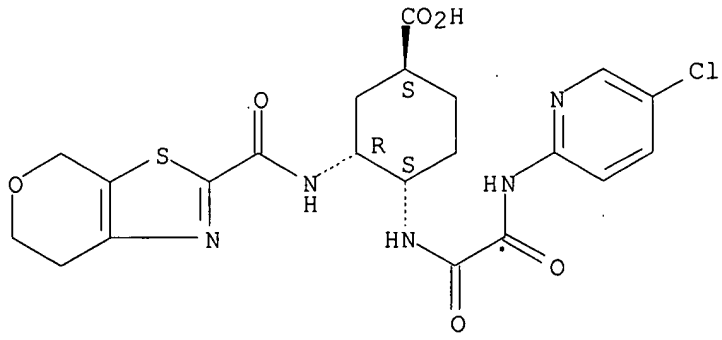
RN 720721-90-4 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(6,7-dihydro-4H-pyrano[4,3-d]thiazol-2-yl)carbonyl]amino]-, 1,1-dimethylethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 720721-91-5 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(6,7-dihydro-4H-pyrano[4,3-d]thiazol-2-yl)carbonyl]amino]-, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

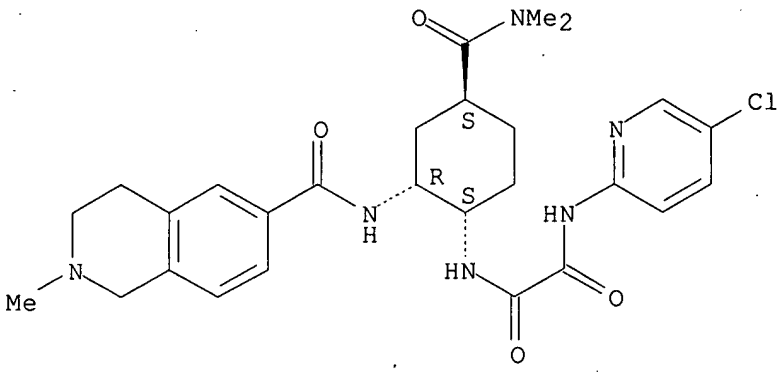


Updated Search

1077334

RN 720721-92-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(1,2,3,4-tetrahydro-2-methyl-6-isoquinolinyl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

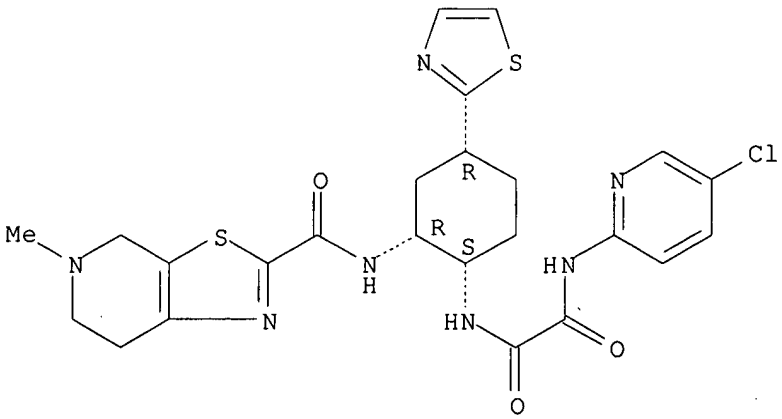
Absolute stereochemistry.



● HCl

RN 720721-93-7 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4R)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-(2-thiazolyl)cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

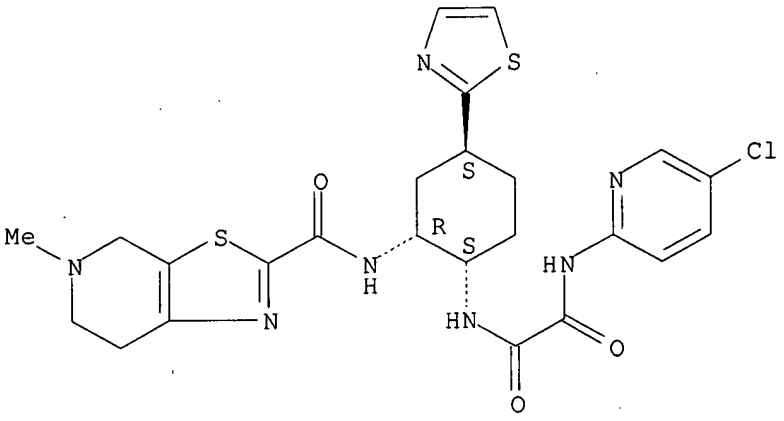


● HCl

RN 720721-94-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-(2-thiazolyl)cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Updated Search

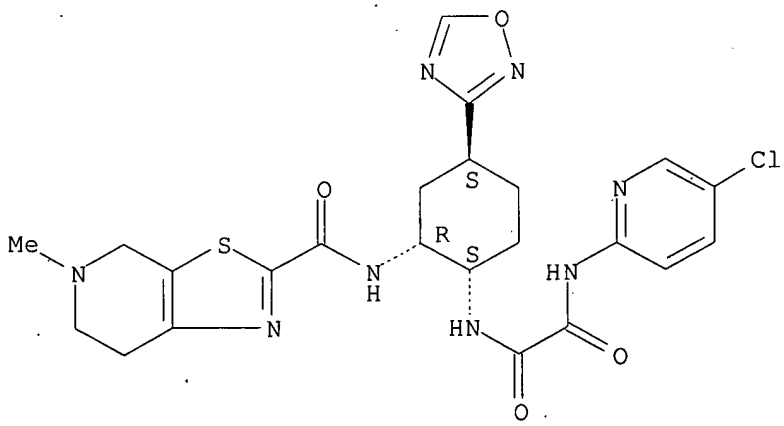
Absolute stereochemistry.



● HCl

RN 720721-95-9 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(1,2,4-oxadiazol-3-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

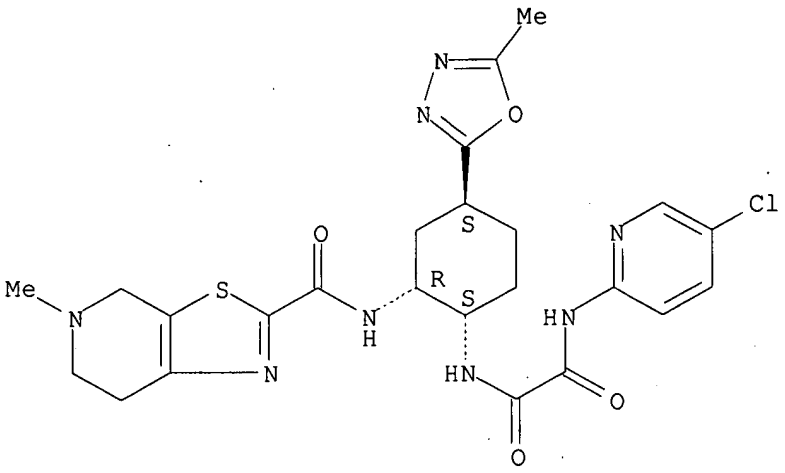


● HCl

RN 720721-96-0 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(5-methyl-1,3,4-oxadiazol-2-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

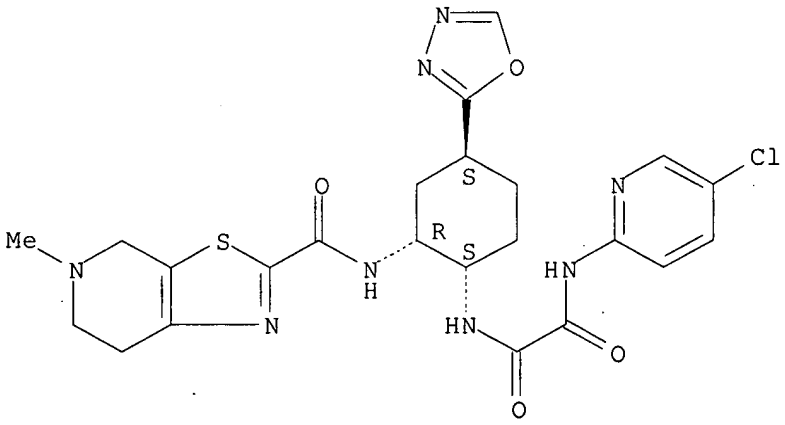
Updated Search



● HCl

RN 720721-97-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(1,3,4-oxadiazol-2-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

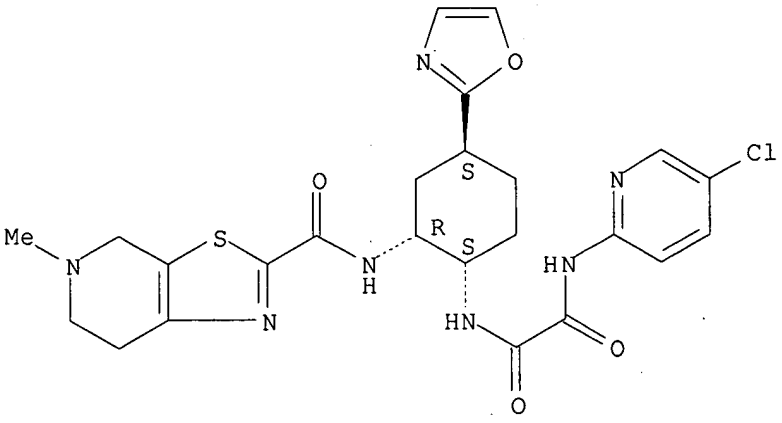


● HCl

RN 720721-98-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(2-oxazolyl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

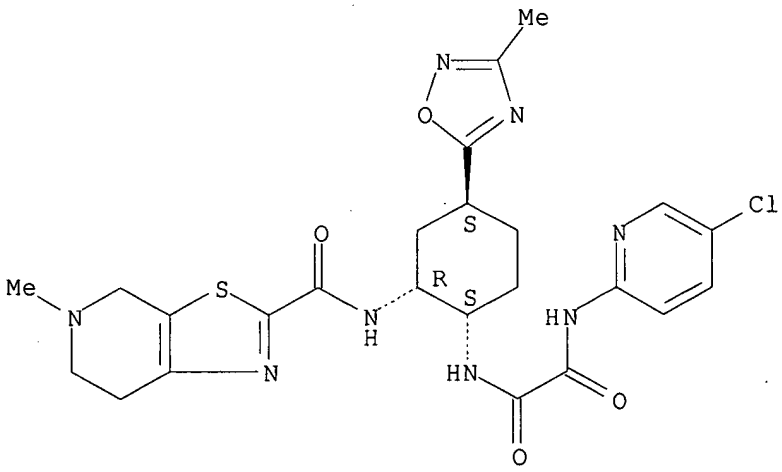
Updated Search



● HCl

RN 720721-99-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(3-methyl-1,2,4-oxadiazol-5-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



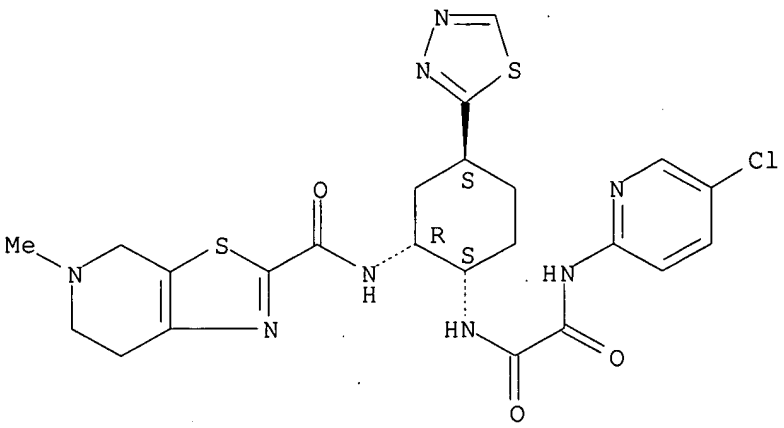
● HCl

RN 720722-00-9 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-(1,3,4-thiadiazol-2-yl)cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

1077334



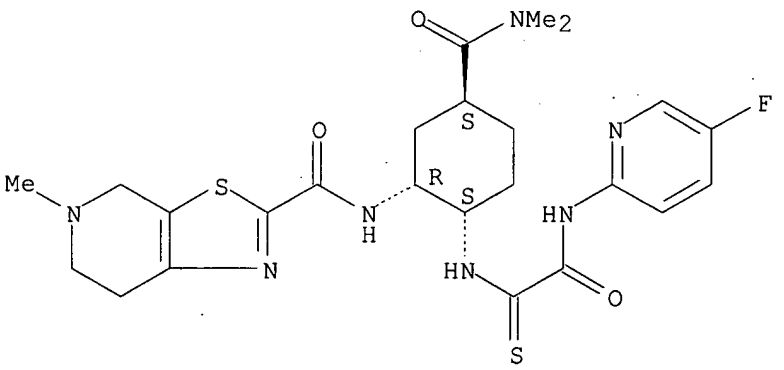
● HCl

RN 720722-01-0 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 687634-02-2
CMF C24 H30 F N7 O3 S2

Absolute stereochemistry.

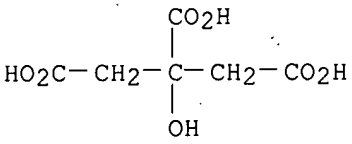


CM 2

CRN 77-92-9
CMF C6 H8 O7

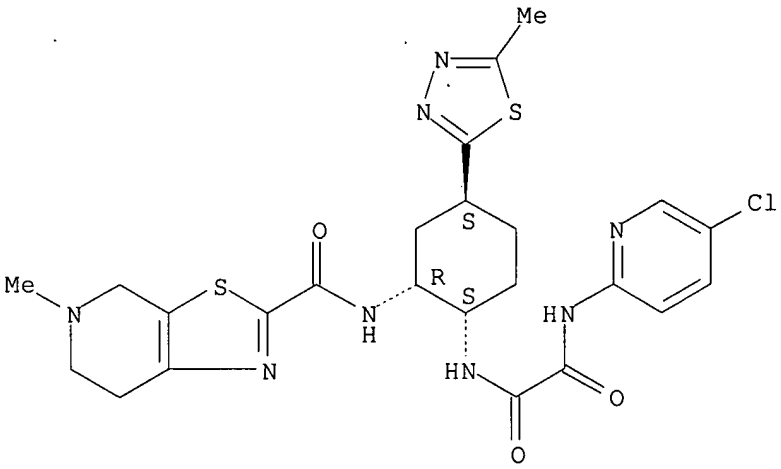
Updated Search

1077334



RN 720722-02-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(5-methyl-1,3,4-thiadiazol-2-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



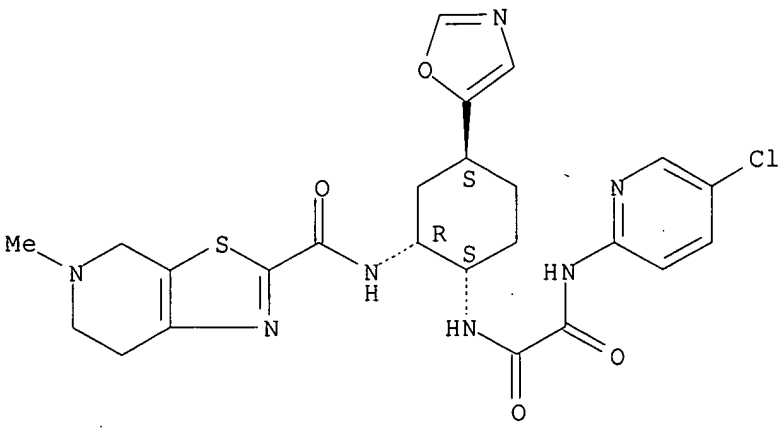
● HCl

RN 720722-03-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(5-oxazolyl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

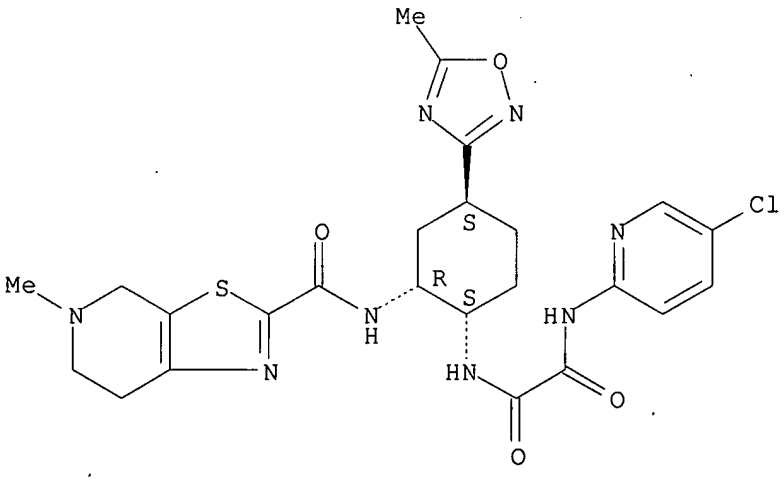
1077334



● HCl

RN 720722-04-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(5-methyl-1,2,4-oxadiazol-3-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



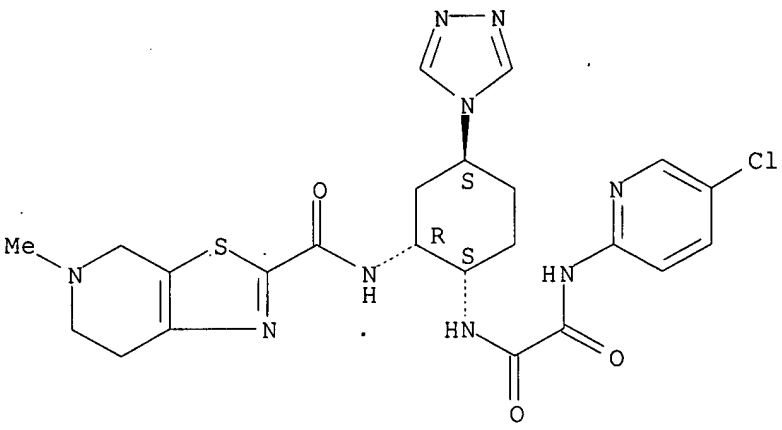
● HCl

RN 720722-05-4 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-(4H-1,2,4-triazol-4-yl)cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

1077334



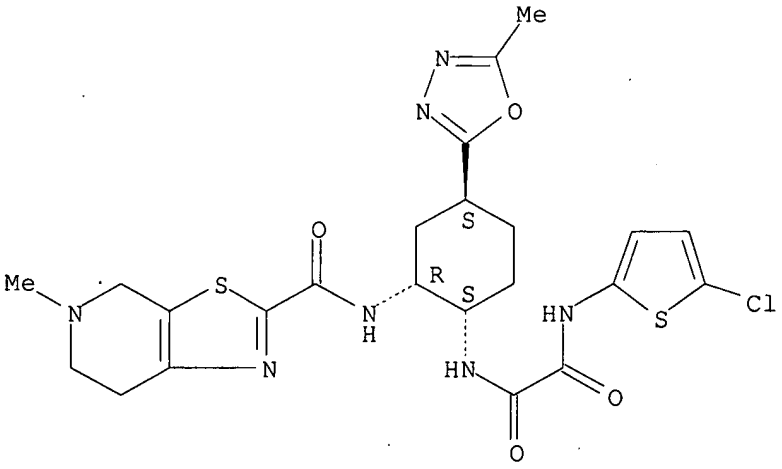
● HCl

RN 720722-07-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(1S,2R,4S)-4-(5-methyl-1,3,4-oxadiazol-2-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 720722-06-5
CMF C23 H26 Cl N7 O4 S2

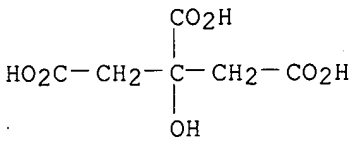
Absolute stereochemistry.



CM 2

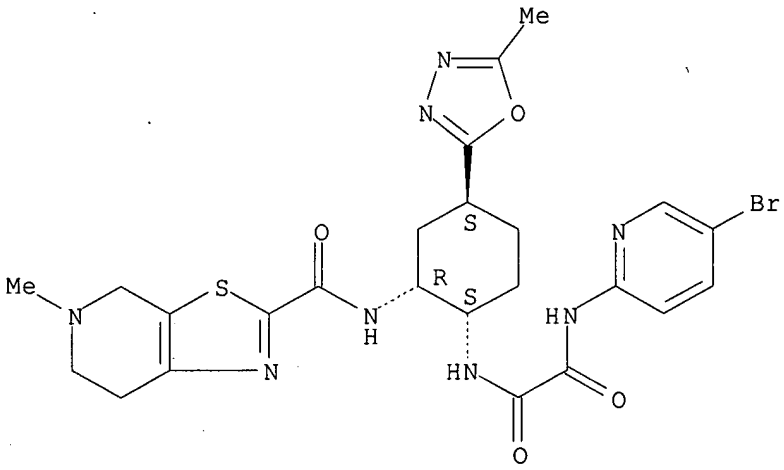
CRN 77-92-9
CMF C6 H8 O7

Updated Search



RN 720722-08-7 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-(5-methyl-1,3,4-oxadiazol-2-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 720722-12-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(5-methyl-1,3,4-oxadiazol-2-yl)-2-[[(5,6,7,8-tetrahydro-6-methyl-1,6-naphthyridin-2-yl)carbonyl]amino]cyclohexyl]-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1) (9CI) (CA INDEX NAME)

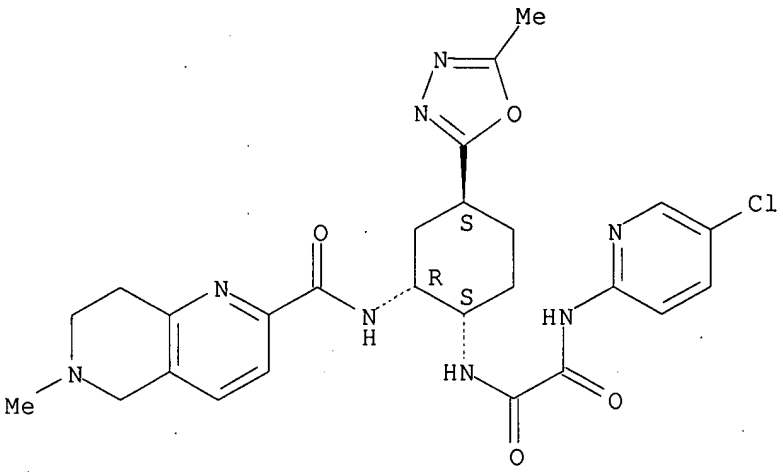
CM 1

CRN 720722-11-2
CMF C26 H29 Cl N8 O4

Absolute stereochemistry.

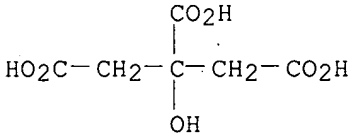
Updated Search

1077334



CM 2

CRN 77-92-9
CMF C6 H8 O7



RN 720722-16-7 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(1S,2R,4S)-4-(5-methyl-1,3,4-oxadiazol-2-yl)-2-[[(5,6,7,8-tetrahydro-6-methyl-1,6-naphthyridin-2-yl)carbonyl]amino]cyclohexyl]-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1) (9CI) (CA INDEX NAME)

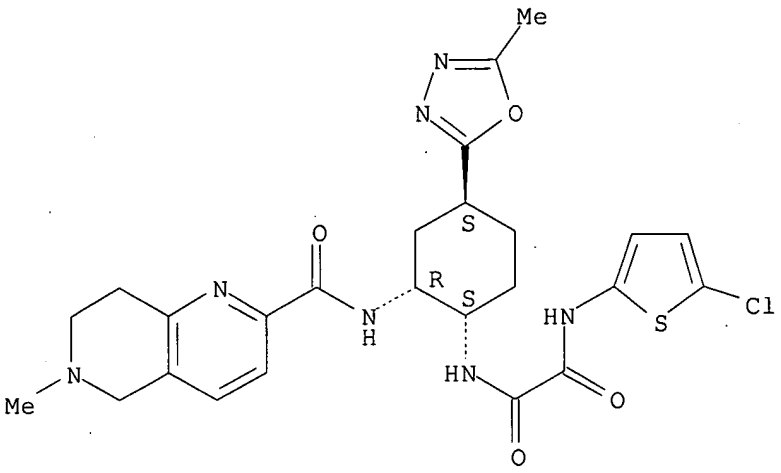
CM 1

CRN 720722-15-6
CMF C25 H28 Cl N7 O4 S

Absolute stereochemistry.

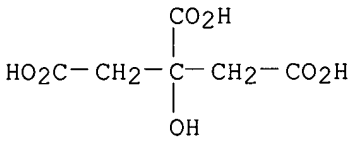
Updated Search

1077334



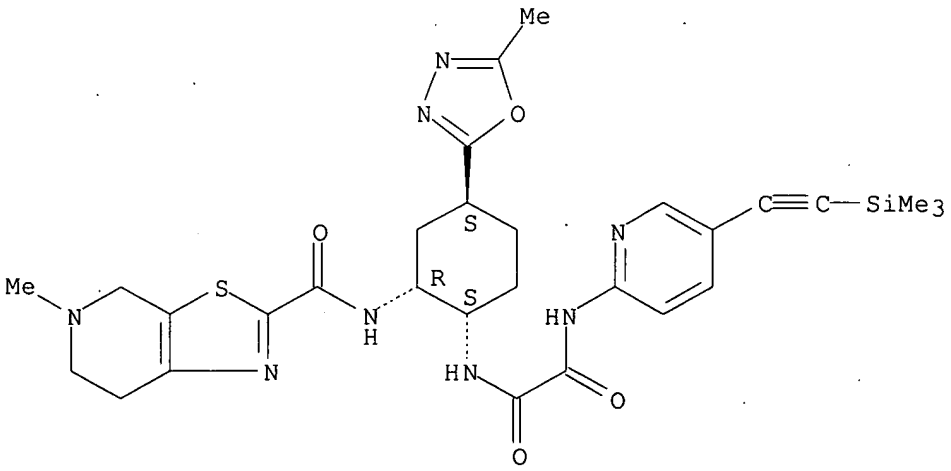
CM 2

CRN 77-92-9
CMF C6 H8 O7



RN 720722-17-8 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-(5-methyl-1,3,4-oxadiazol-2-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-[5-[(trimethylsilyl)ethynyl]-2-pyridinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

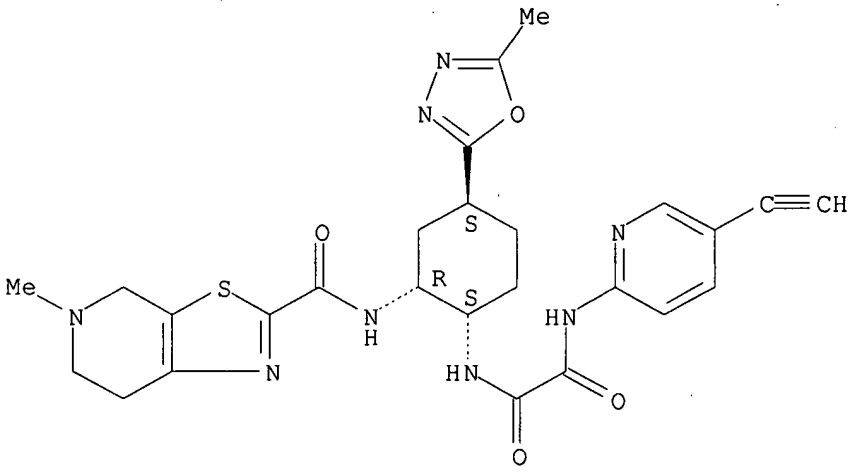


Updated Search

1077334

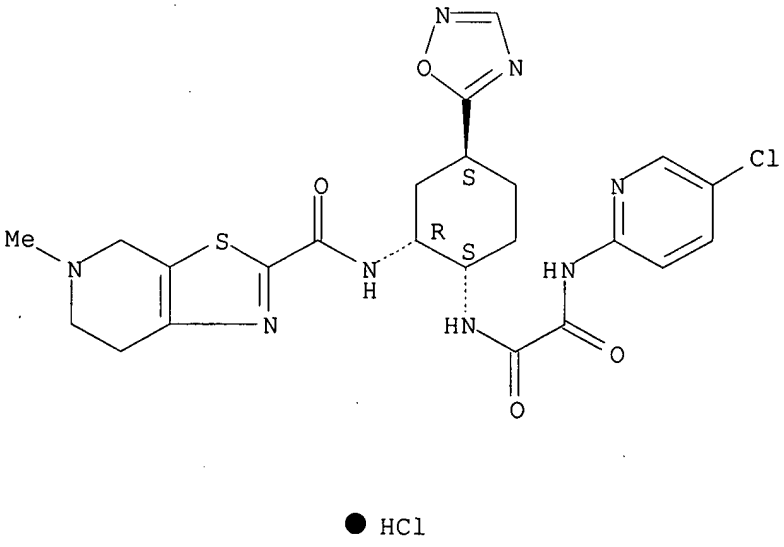
RN 720722-18-9 HCAPLUS
CN Ethanediamide, N-(5-ethynyl-2-pyridinyl)-N'-[(1S,2R,4S)-4-(5-methyl-1,3,4-oxadiazol-2-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 720722-27-0 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(1,2,4-oxadiazol-5-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



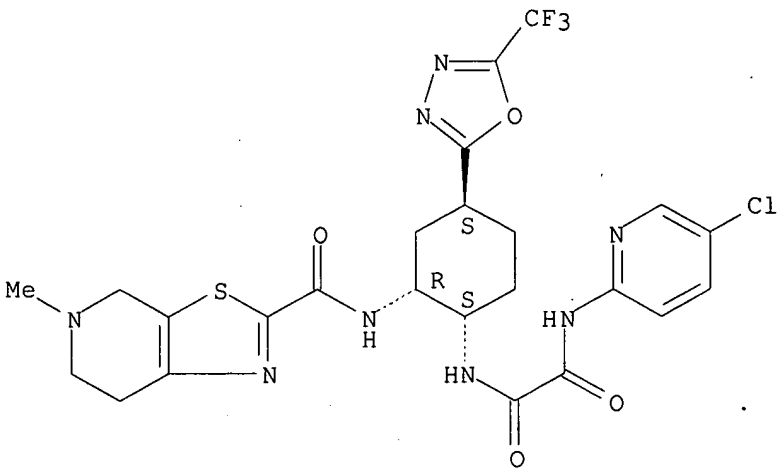
● HCl

RN 720722-28-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-[5-(trifluoromethyl)-1,3,4-oxadiazol-2-yl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Updated Search

1077334

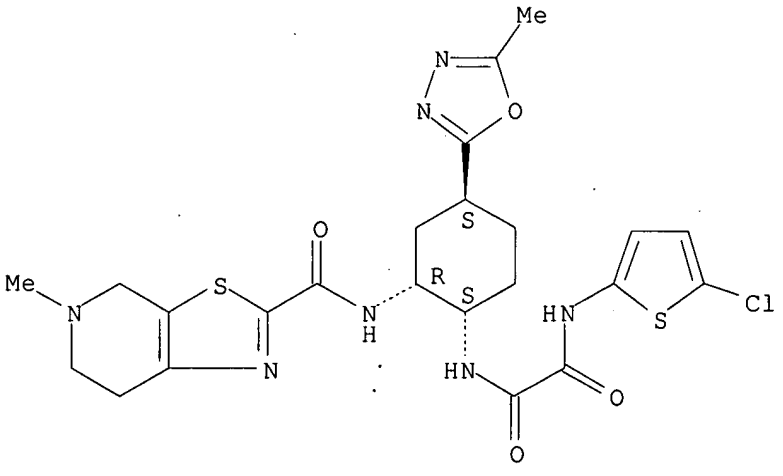
Absolute stereochemistry.



● HCl

RN 720722-29-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(1S,2R,4S)-4-(5-methyl-1,3,4-oxadiazol-2-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



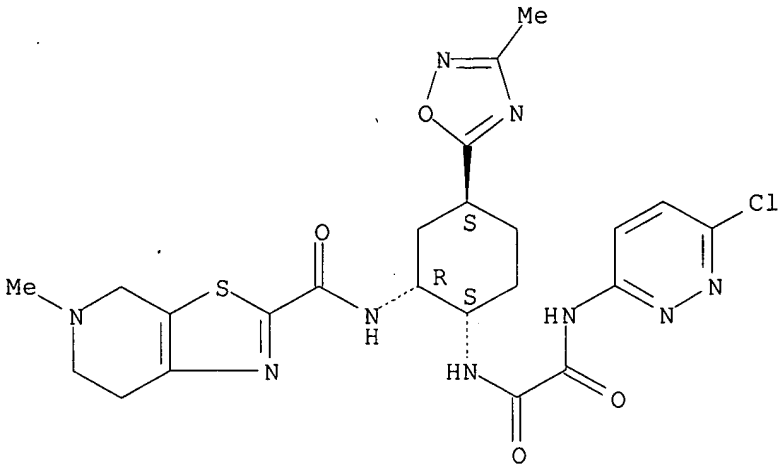
● HCl

RN 720722-30-5 HCAPLUS
CN Ethanediamide, N-(6-chloro-3-pyridazinyl)-N'-[(1S,2R,4S)-4-(3-methyl-1,2,4-oxadiazol-5-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-

Updated Search

yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

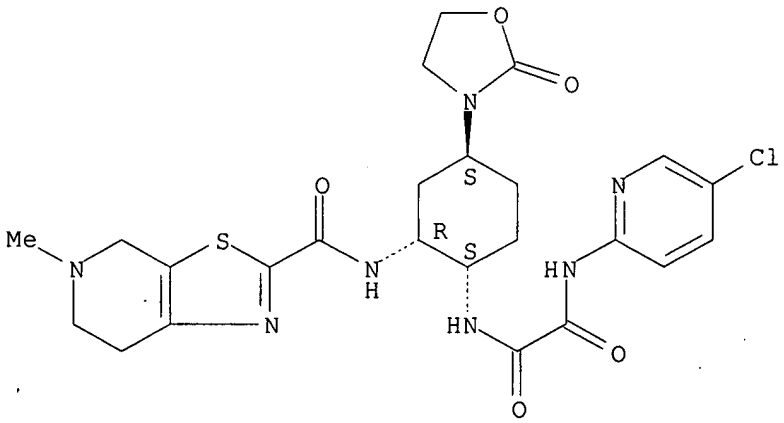
Absolute stereochemistry.



● HCl

RN 720722-31-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(2-oxo-3-oxazolidinyl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

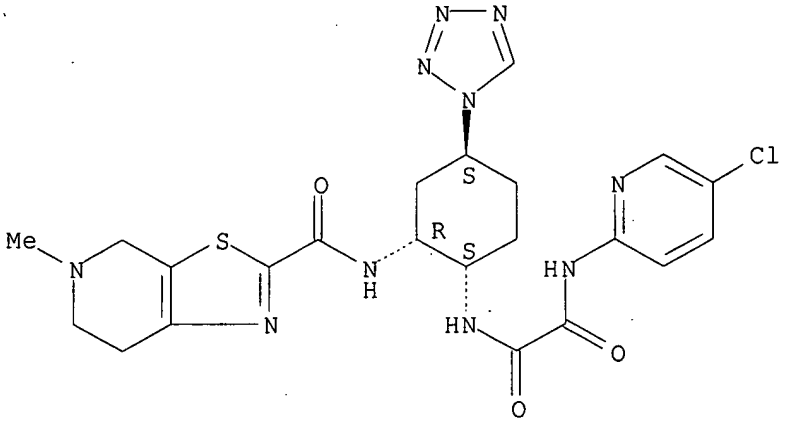
Absolute stereochemistry.



RN 720722-32-7 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-(1H-tetrazol-1-yl)cyclohexyl]- (9CI) (CA INDEX NAME)

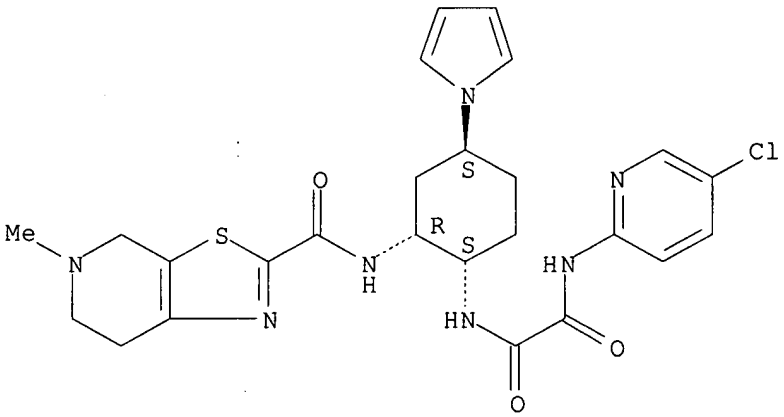
Absolute stereochemistry.

Updated Search



RN 720722-33-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(1H-pyrrol-1-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



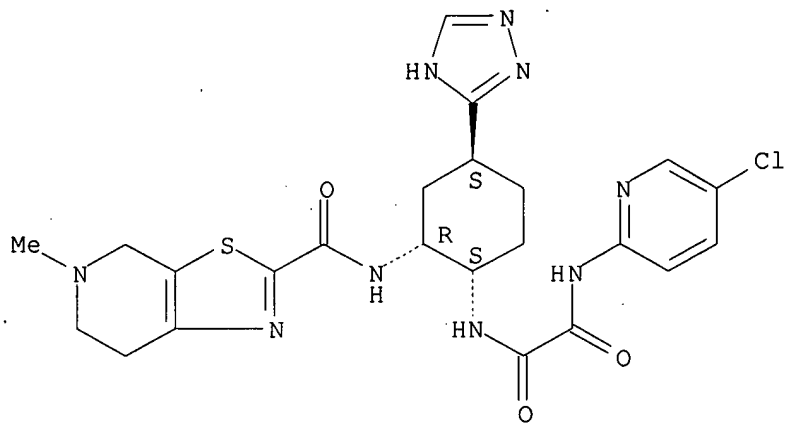
● HCl

RN 720722-34-9 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-(1H-1,2,4-triazol-3-yl)cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

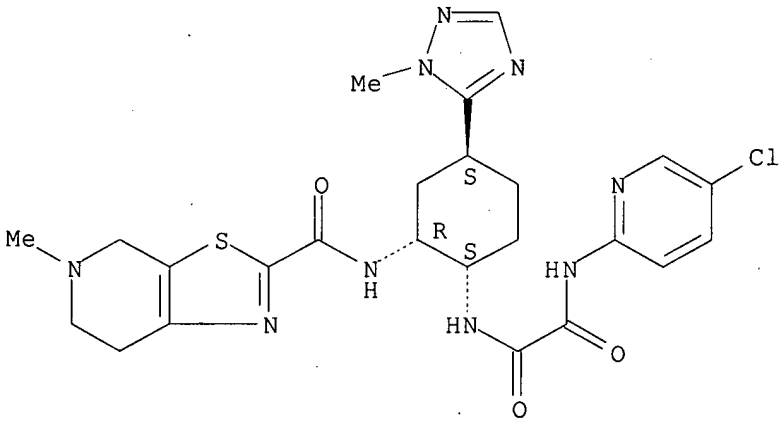
1077334



● HCl

RN 720722-35-0 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(1-methyl-1H-1,2,4-triazol-5-yl)-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

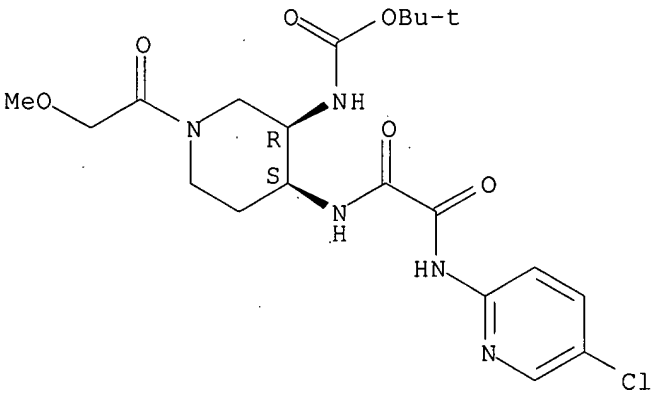
IT 480451-83-0P 480451-85-2P 480451-98-7P
480452-04-8P 480452-32-2P 480452-36-6P
480452-38-8P 480452-43-5P 480452-44-6P
480452-49-1P 500571-37-9P 500571-40-4P
500571-44-8P 500571-48-2P 500571-53-9P
500571-55-1P 500571-58-4P 500571-62-0P
720720-18-3P 720720-39-8P 720720-53-6P
720720-70-7P 720720-72-9P 720720-77-4P
720720-78-5P 720720-80-9P 720720-81-0P
720720-82-1P 720720-85-4P 720720-87-6P

Updated Search

720720-89-8P 720721-00-6P 720721-08-4P
720721-11-9P 720721-18-6P 720721-21-1P
720721-24-4P 720721-26-6P 720721-29-9P
720721-31-3P 720721-33-5P 720721-34-6P
720721-35-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of heterocyclyl moiety-containing diamines as factor Xa inhibitors)

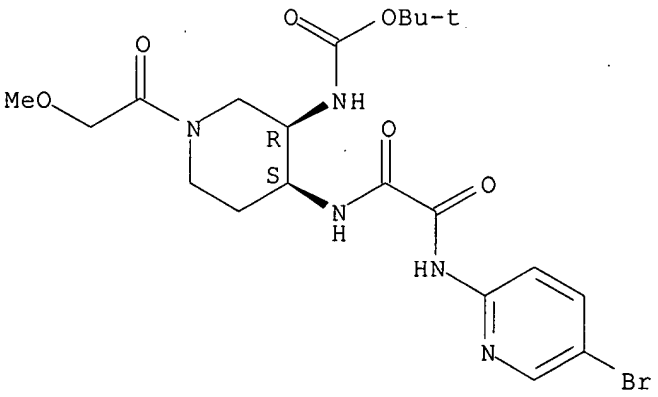
RN 480451-83-0 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480451-85-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-bromo-2-pyridinyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

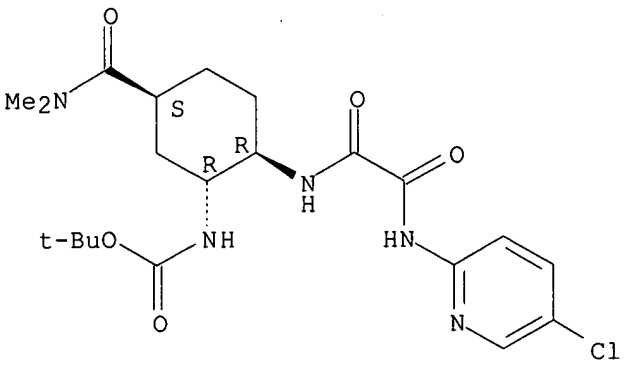
Absolute stereochemistry.



RN 480451-98-7 HCAPLUS
CN Carbamic acid, [(1R,2R,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

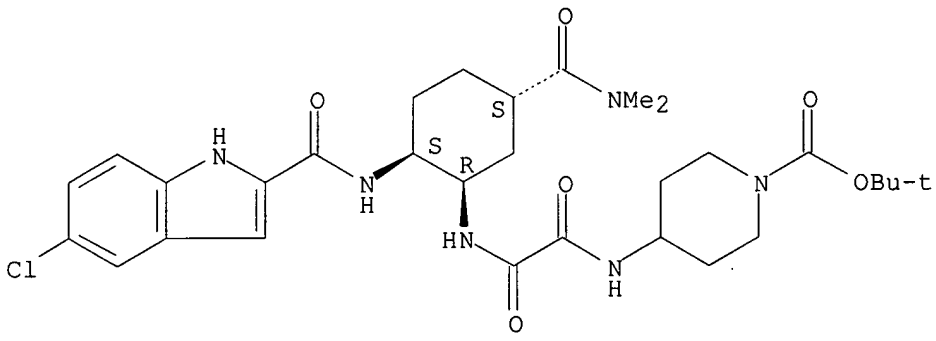
Updated Search

Absolute stereochemistry.



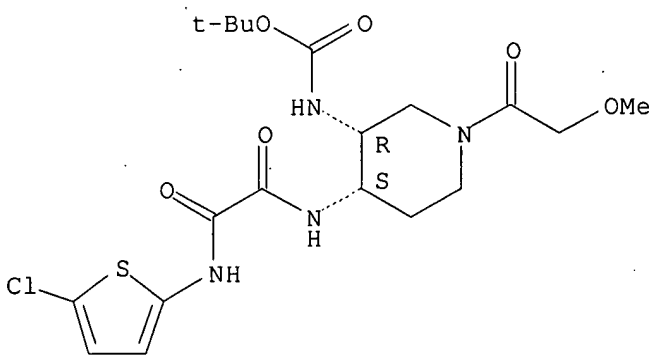
RN 480452-04-8 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]oxoacetyl]amino]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-32-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-thienyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



Updated Search

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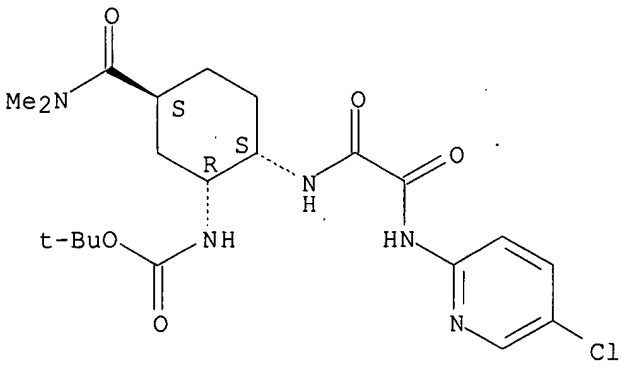
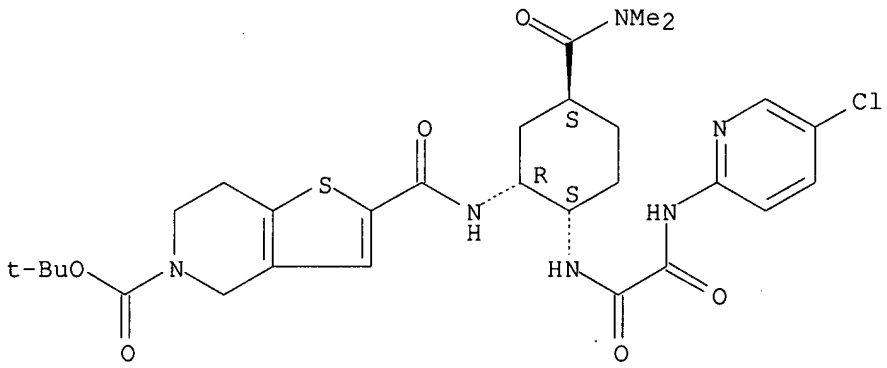
RN 480452-36-6 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-38-8 HCAPLUS
CN Thieno[3,2-c]pyridine-5(4H)-carboxylic acid, 2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-6,7-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

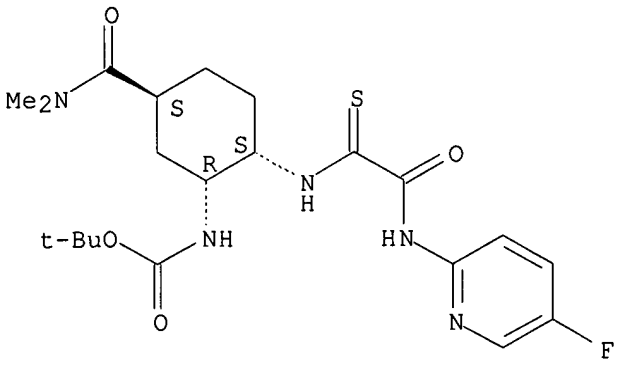
Absolute stereochemistry.



RN 480452-43-5 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

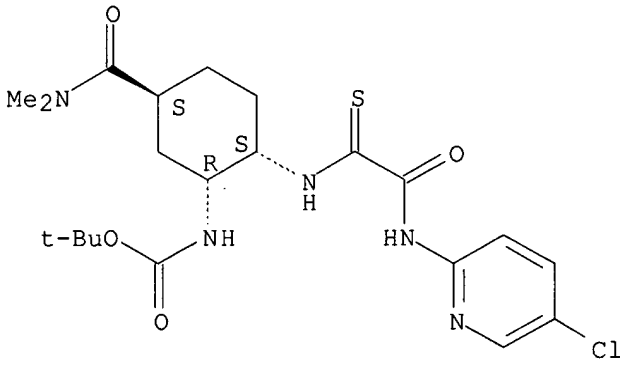
Absolute stereochemistry.

Updated Search



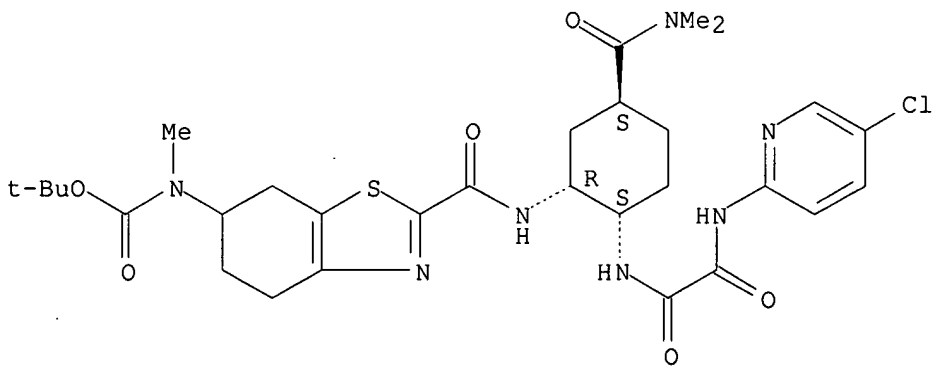
RN 480452-44-6 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-49-1 HCAPLUS
CN Carbamic acid, [2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-4,5,6,7-tetrahydro-6-benzothiazolyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

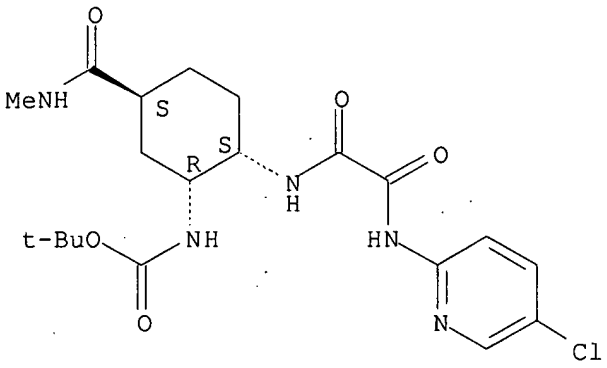


Updated Search

1077334

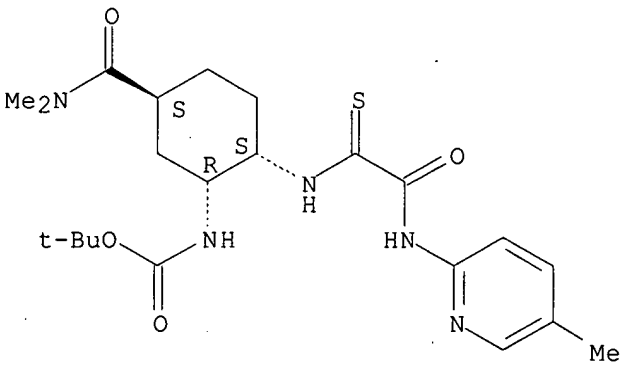
RN 500571-37-9 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(methylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 500571-40-4 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-methyl-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

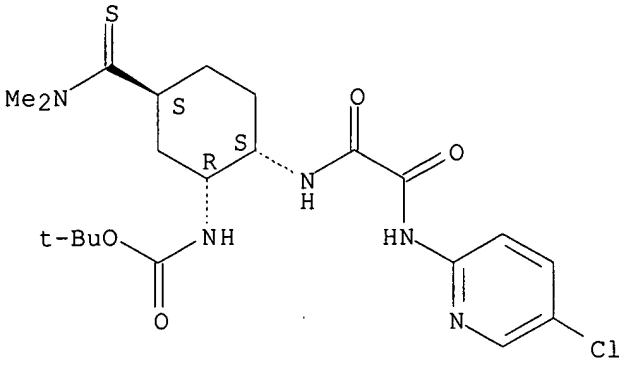


RN 500571-44-8 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)thioxomethyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

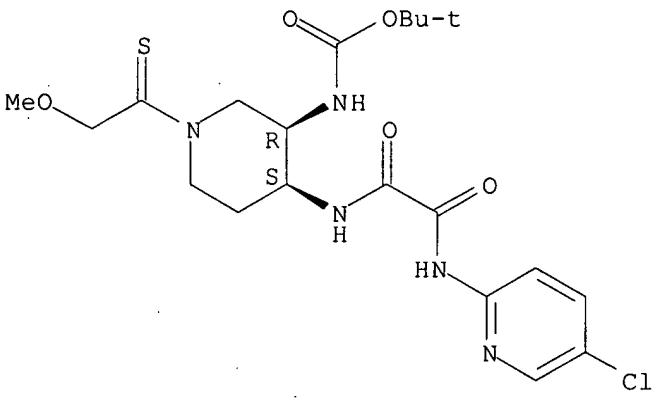
Updated Search

1077334



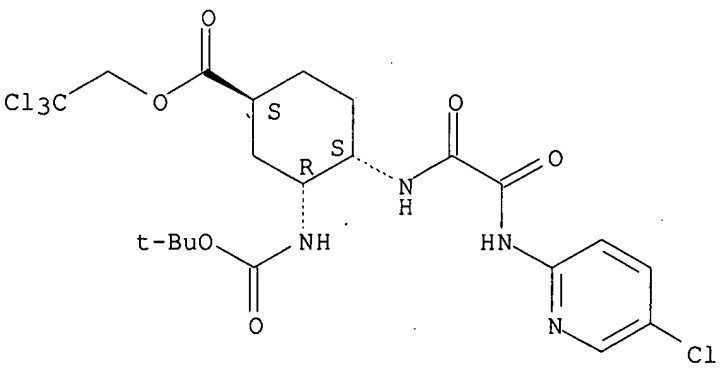
RN 500571-48-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(2-methoxy-1-thioxoethyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 500571-53-9 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(1,1-dimethylethoxy)carbonyl]amino]-, 2,2,2-trichloroethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

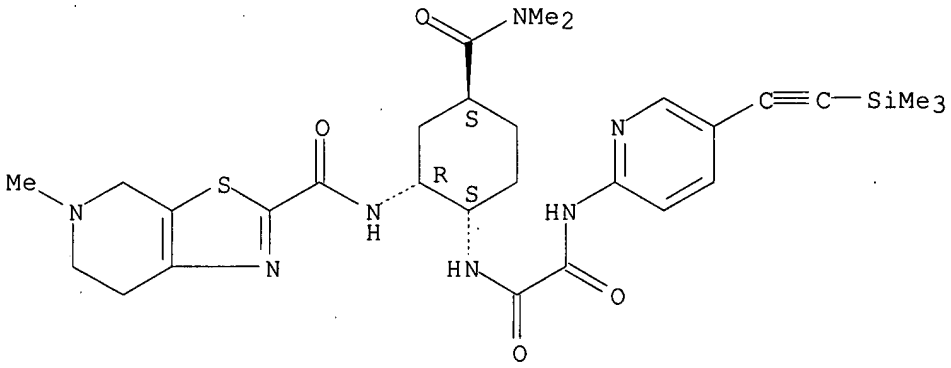


Updated Search

1077334

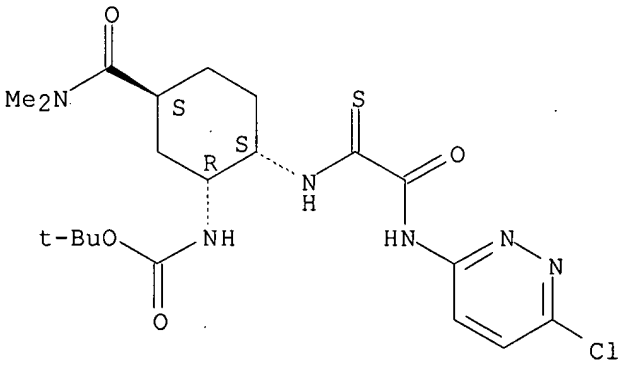
RN 500571-55-1 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-[5-[(trimethylsilyl)ethynyl]-2-pyridinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 500571-58-4 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridazinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

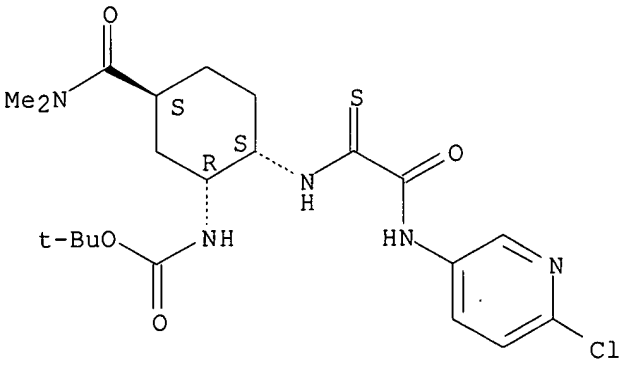


RN 500571-62-0 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

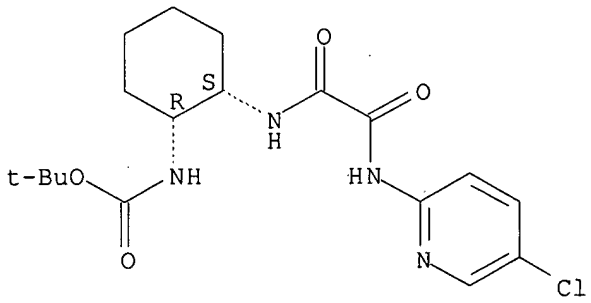
Updated Search

1077334



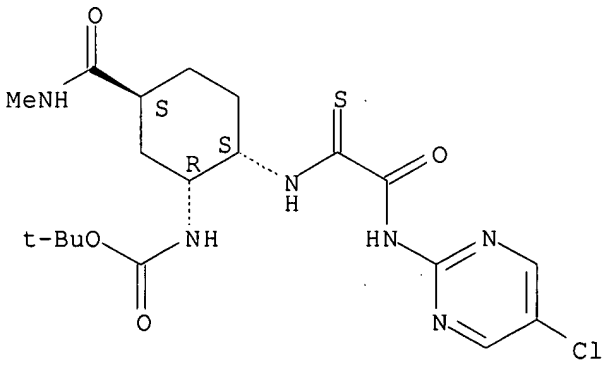
RN 720720-18-3 HCAPLUS
CN Carbamic acid, [(1R,2S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 720720-39-8 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[2-[(5-chloro-2-pyrimidinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(methylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 720720-53-6 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(methylamino)carbonyl]cyclohexyl]-,

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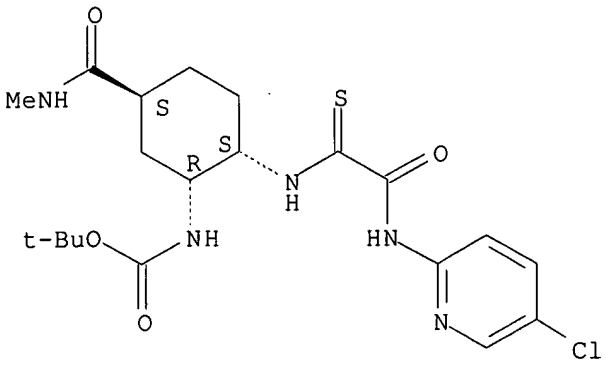
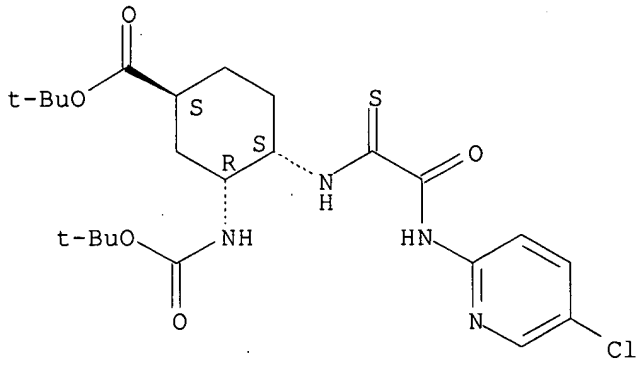
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 720720-70-7 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-[[(1,1-dimethylethoxy)carbonyl]amino]-, 1,1-dimethylethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 720720-72-9 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(1,1-dimethylethoxy)carbonyl]amino]-, 1,1-dimethylethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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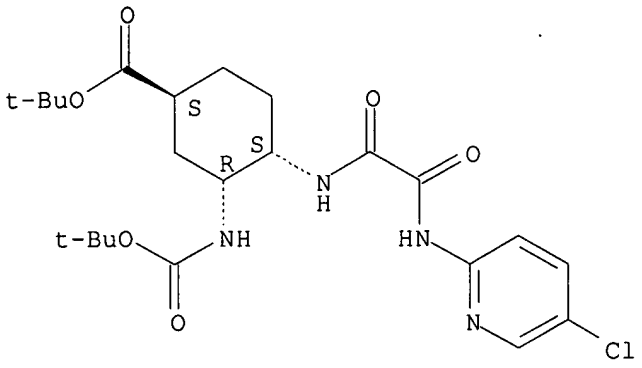
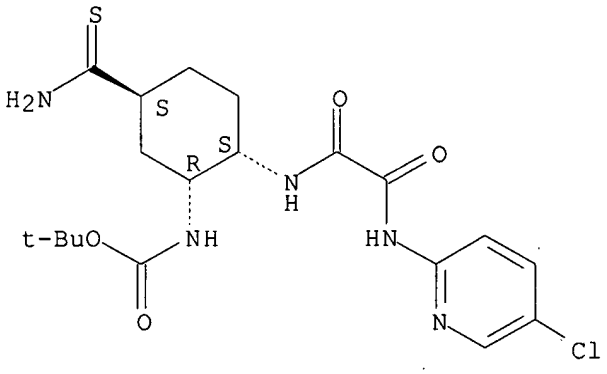


RN 720720-77-4 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-5-(aminothioxomethyl)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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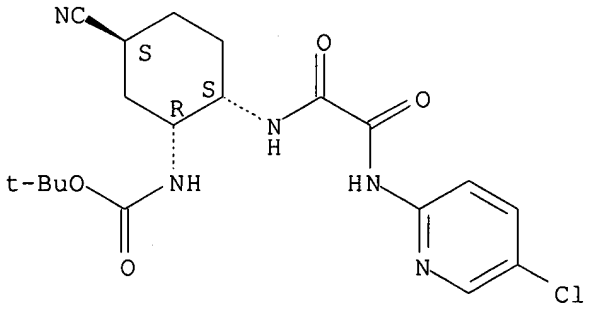
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-cyanocyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

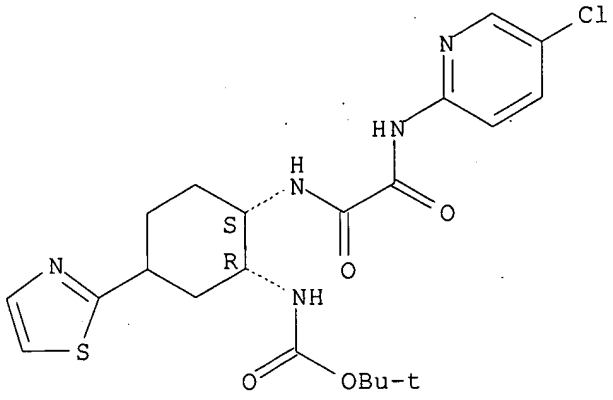


RN 720720-80-9 HCAPLUS
CN Carbamic acid, [(1R,2S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-(2-thiazolyl)cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX

Updated Search

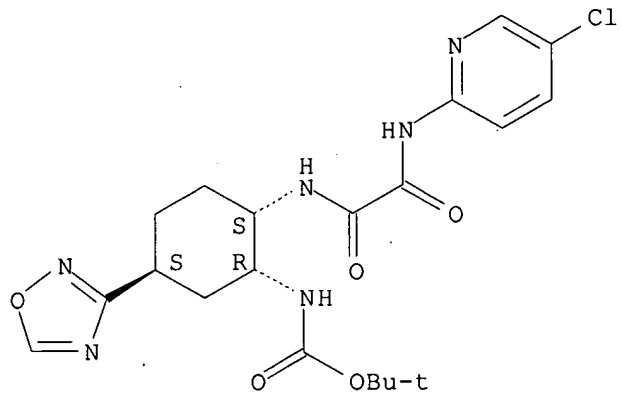
NAME)

Absolute stereochemistry.



RN 720720-81-0 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-(1,2,4-oxadiazol-3-yl)cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

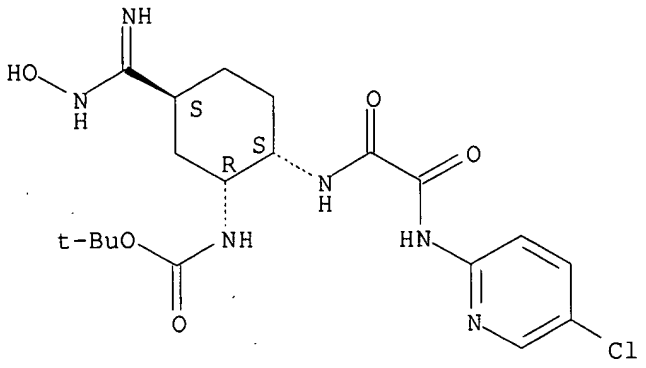
Absolute stereochemistry.



RN 720720-82-1 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(hydroxyamino)iminomethyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

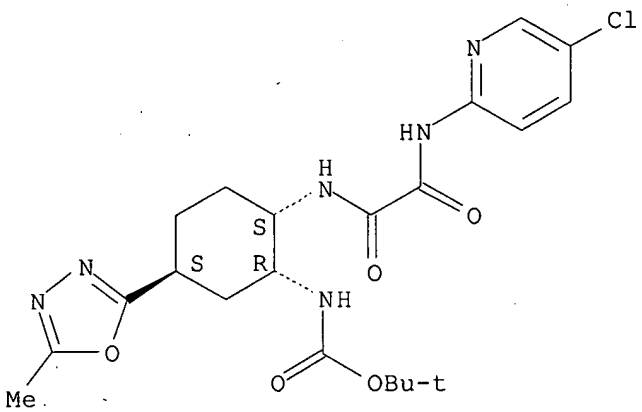
Absolute stereochemistry.

Updated Search



RN 720720-85-4 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-(5-methyl-1,3,4-oxadiazol-2-yl)cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

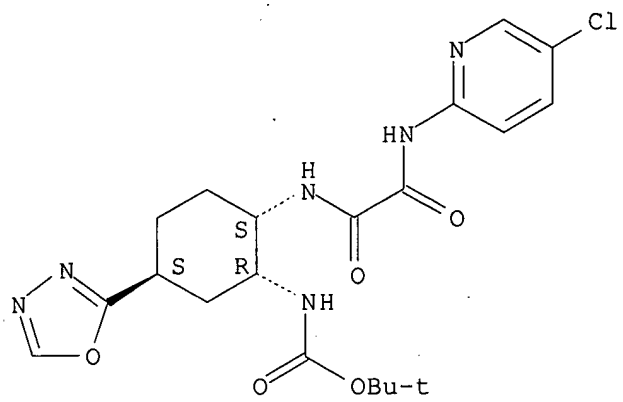
Absolute stereochemistry.



RN 720720-87-6 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-(1,3,4-oxadiazol-2-yl)cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

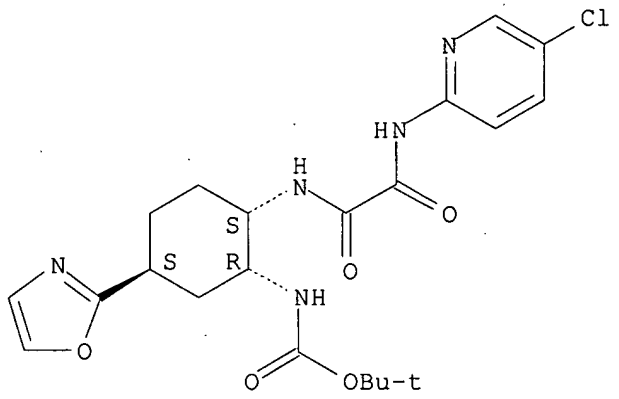
Absolute stereochemistry.

Updated Search



RN 720720-89-8 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-(2-oxazolyl)cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 720721-00-6 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-(5-oxazolyl)cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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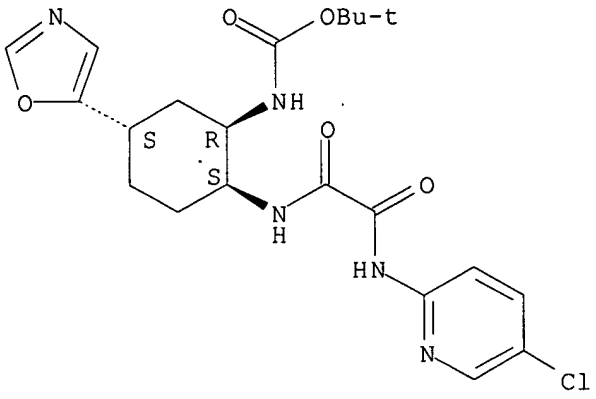

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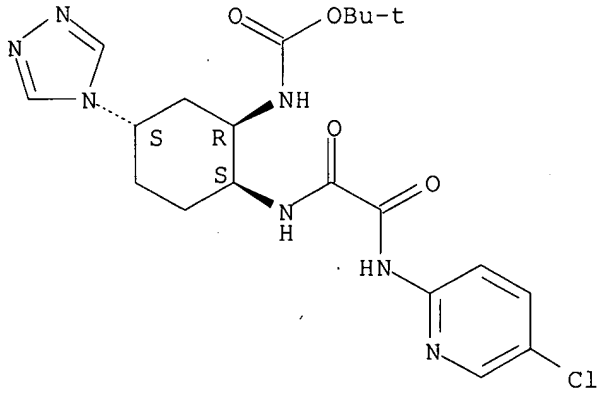
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amin o]-5-(4H-1,2,4-triazol-4-yl)cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

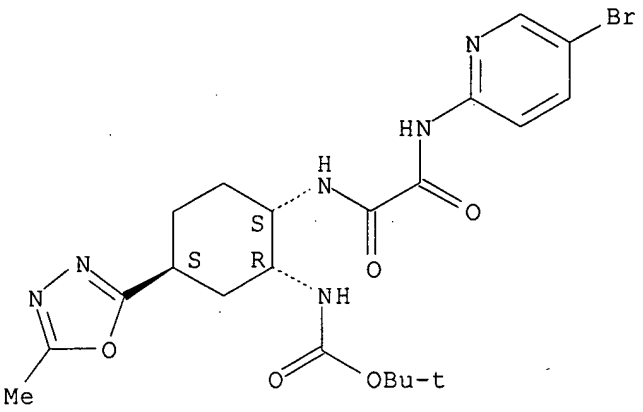


RN 720721-11-9 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-bromo-2-pyridinyl)amino]oxoacetyl]amino]-5-(5-methyl-1,3,4-oxadiazol-2-yl)cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

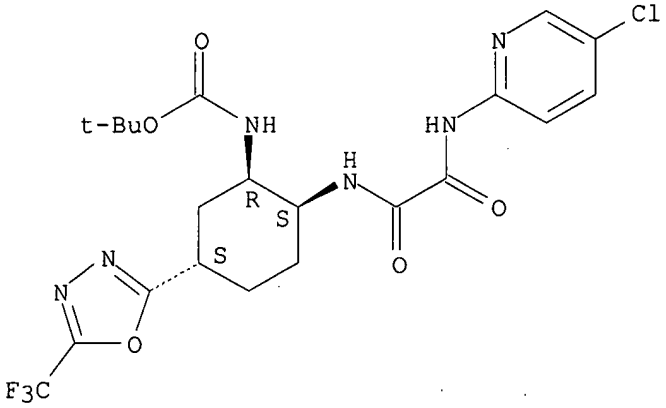
Updated Search

1077334



RN 720721-18-6 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[5-(trifluoromethyl)-1,3,4-oxadiazol-2-yl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

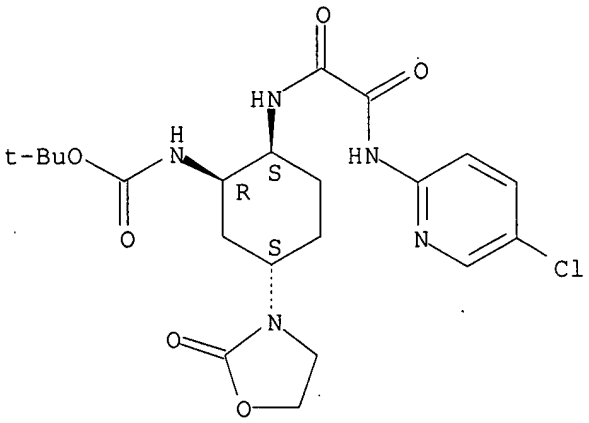


RN 720721-21-1 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-(2-oxo-3-oxazolidinyl)cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

1077334



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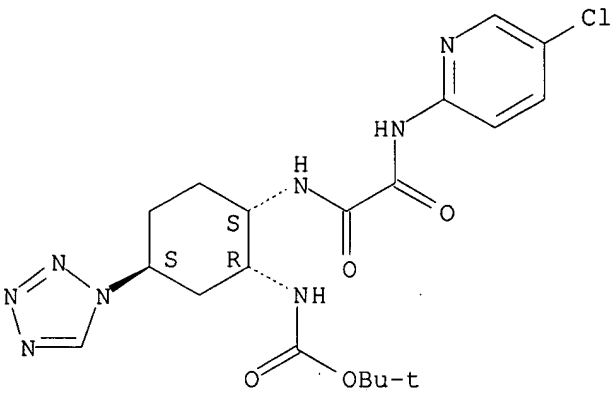
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-(1H-tetrazol-1-yl)cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

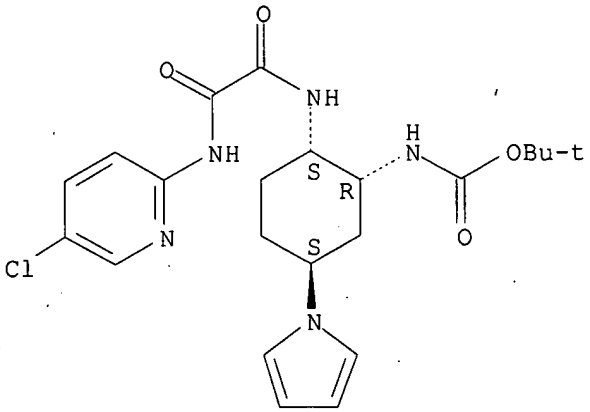


RN 720721-26-6 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-(1H-pyrrol-1-yl)cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

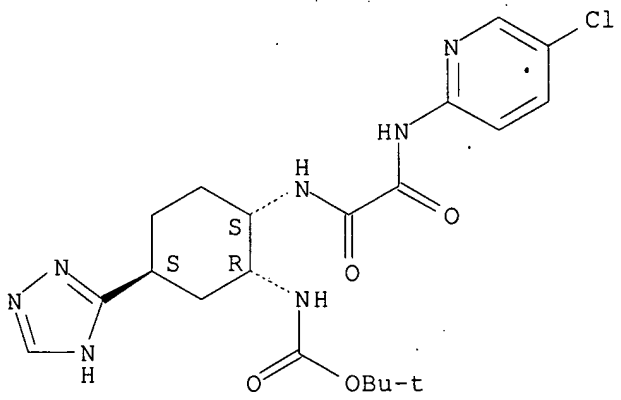
Updated Search

1077334



RN 720721-29-9 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-(1H-1,2,4-triazol-3-yl)cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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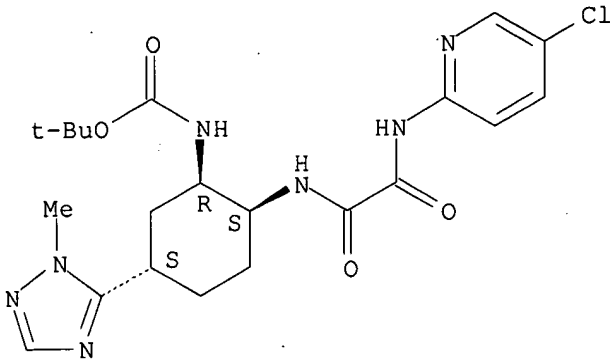
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-(1-methyl-1H-1,2,4-triazol-5-yl)cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

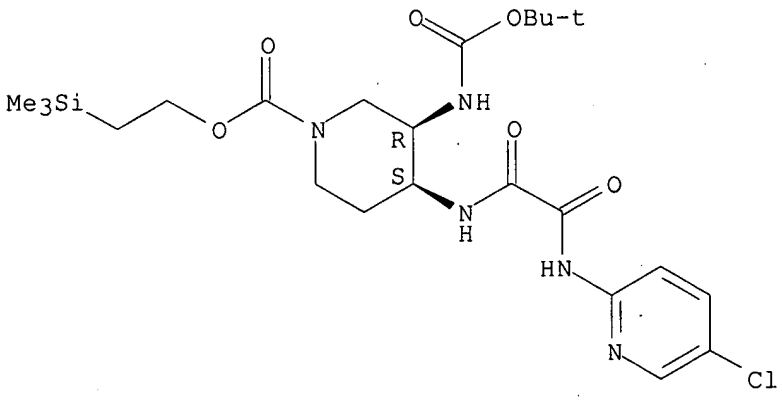
Absolute stereochemistry.

Updated Search



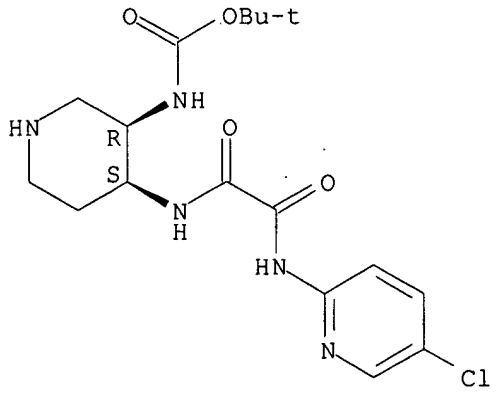
RN 720721-33-5 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(1,1-dimethylethoxy)carbonyl]amino]-, 2-(trimethylsilyl)ethyl ester, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 720721-34-6 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



Updated Search

1077334

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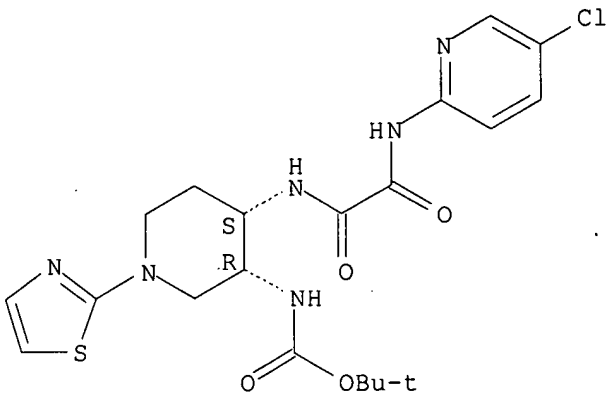
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(2-thiazolyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L16 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:154422 HCAPLUS
DOCUMENT NUMBER: 138:205076
TITLE: Preparation of diamines as factor Xa inhibitors
INVENTOR(S): Ohta, Toshiharu; Komoriya, Satoshi; Yoshino, Toshiharu; Uoto, Kouichi; Nakamoto, Yumi; Naito, Hiroyuki; Mochizuki, Akiyoshi; Nagata, Tsutomu; Kanno, Hideyuki; Haginoya, Noriyasu; Yoshikawa, Kenji; Nagamochi, Masatoshi; Kobayashi, Syozo; Ono, Makoto
PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 847 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

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Updated Search

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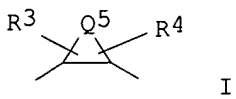

I

AB The title compds. Q1-Q2-T0-N(R1)-Q3-N(R2)-T1-Q4 [R1 and R2 represent each hydrogen, etc.; Q1 represents optionally substituted, saturated or unsatd. 5- or 6-membered hydrocarbyl, etc.; Q2 represents a single bond, etc.; Q3 represents I wherein Q5 represents C1-8 alkylene, etc.; R3, R4 represent each hydrogen, alkyl, etc.; Q4 represents (un)substituted aryl, etc.; and T0 and T1 represent each carbonyl, etc.] are prepared I are useful as antithrombotics, etc. Several compds. of this invention showed IC50 values of 1.2 nM to 3.5 nM against factor Xa.

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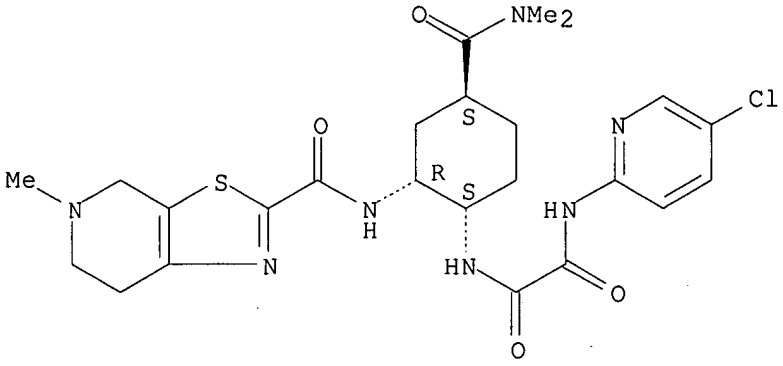
480449-57-8P 480449-63-6P 480449-65-8P

Updated Search

480449-66-9P 480449-67-0P 480449-70-5P
500572-10-1P 500572-15-6P 500572-20-3P
500572-21-4P 500572-22-5P 500572-23-6P
500572-25-8P 500572-26-9P 500572-27-0P
500572-28-1P 500572-30-5P 500572-31-6P
500572-32-7P 500572-33-8P 500572-34-9P
500572-35-0P 500572-36-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of diamines as factor Xa inhibitors)

RN 480448-29-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

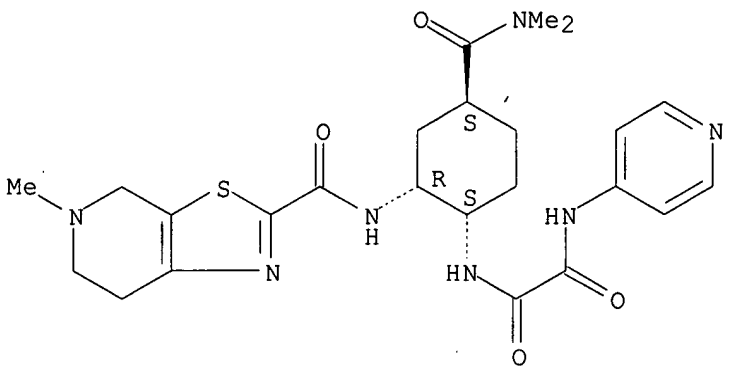
Absolute stereochemistry.



● HCl

RN 480448-40-6 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-4-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

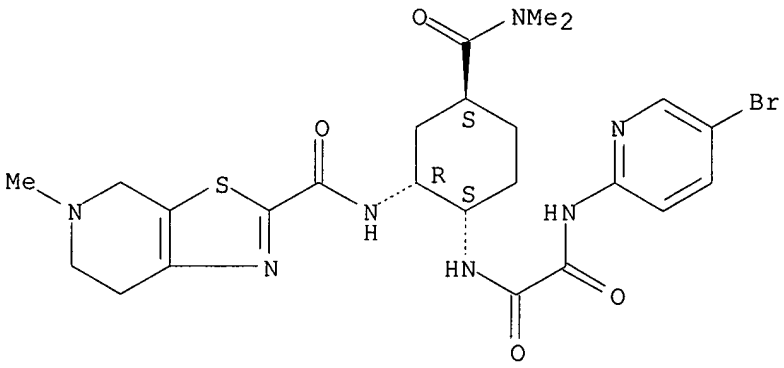
Absolute stereochemistry.



● HCl

RN 480448-41-7 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

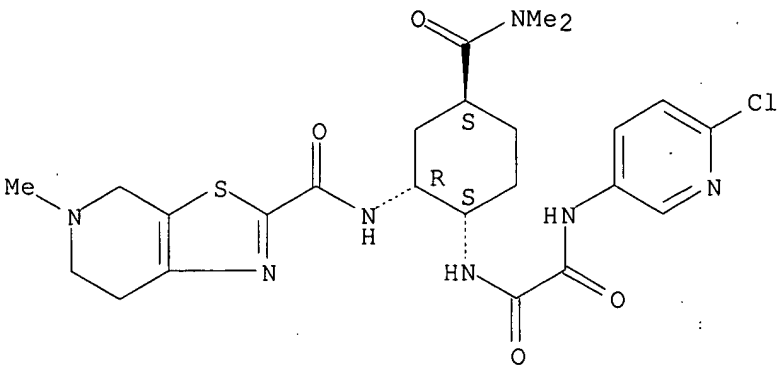


● HCl

RN 480448-42-8 HCAPLUS
CN Ethanediamide, N-(6-chloro-3-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

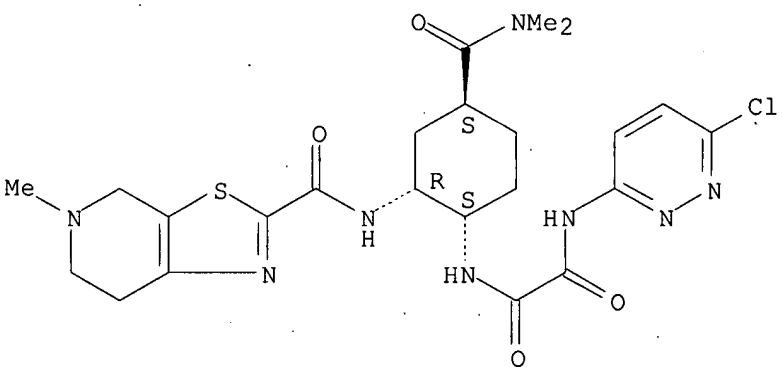
Updated Search



● HCl

RN 480448-43-9 HCAPLUS
CN Ethanediamide, N-(6-chloro-3-pyridazinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



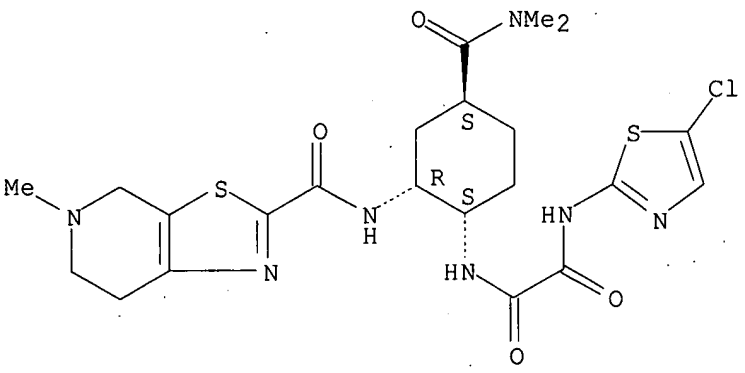
● HCl

RN 480448-44-0 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thiazolyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

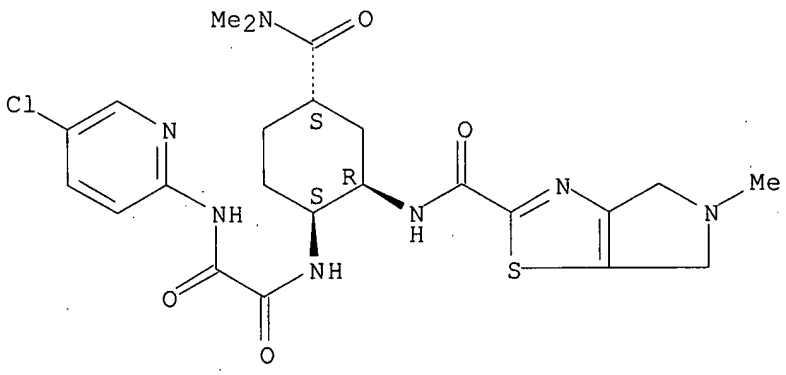
1077334



● HCl

RN 480448-45-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



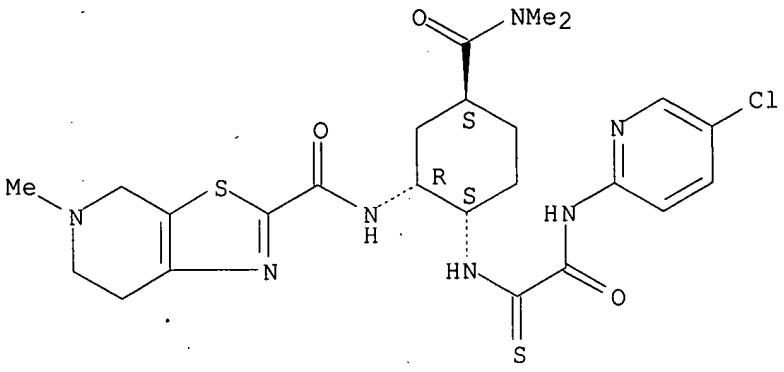
● HCl

RN 480449-04-5 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

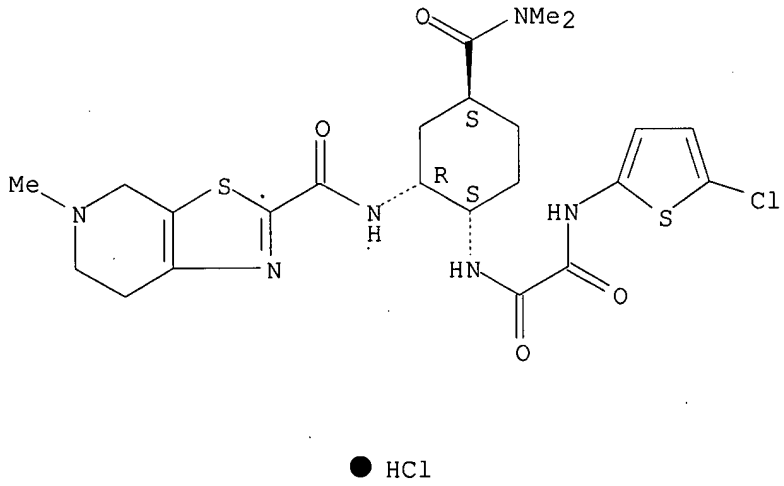
Updated Search

1077334



RN 480449-07-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

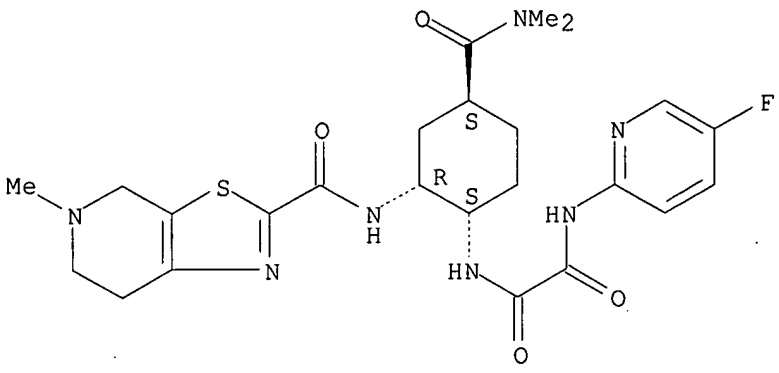


● HCl

RN 480449-09-0 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-fluoro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

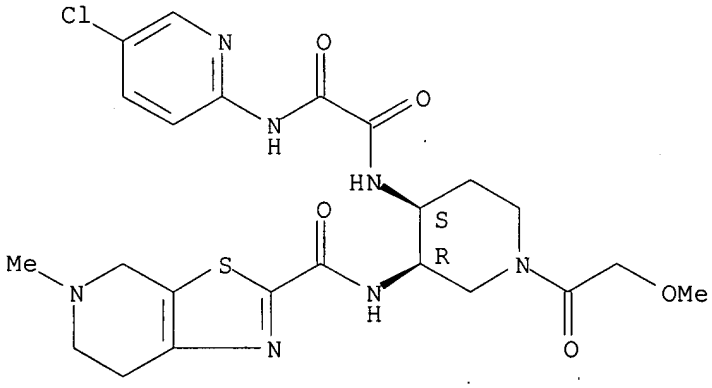
Updated Search



● HCl

RN 480449-18-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

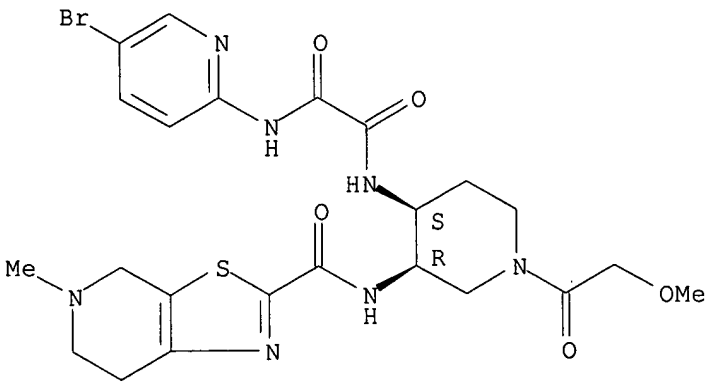


● HCl

RN 480449-19-2 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

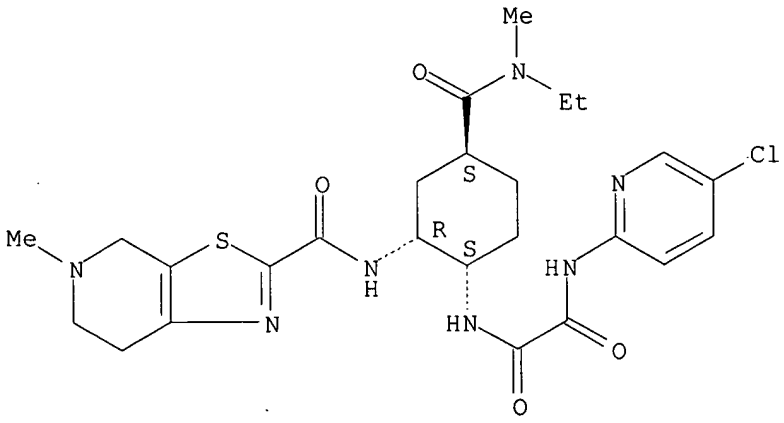
Updated Search



● HCl

RN 480449-22-7 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(ethylmethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

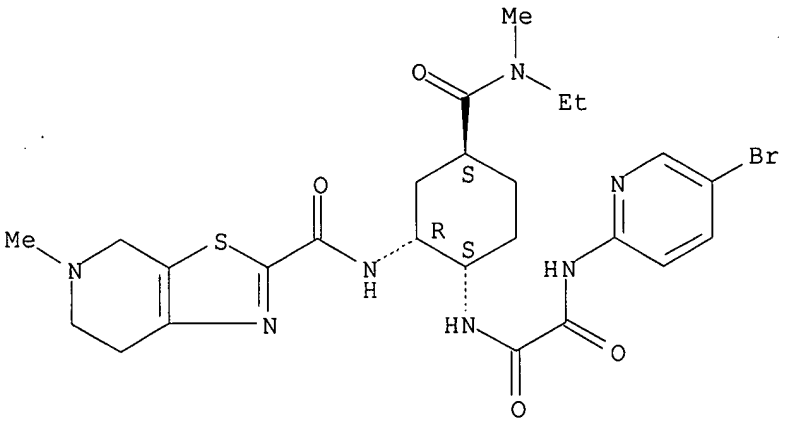


● HCl

RN 480449-24-9 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(ethylmethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

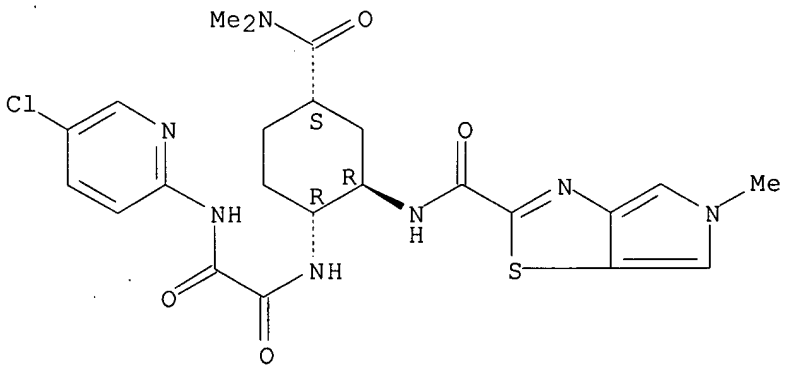
Updated Search



● HCl

RN 480449-27-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(5-methyl-5H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

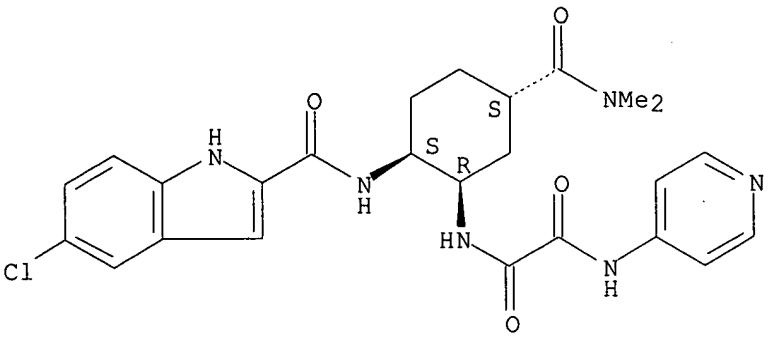


RN 480449-30-7 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-4-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

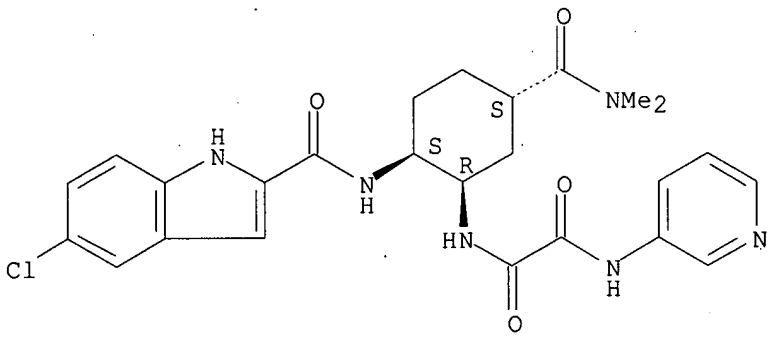
1077334



● HCl

RN 480449-31-8 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-3-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

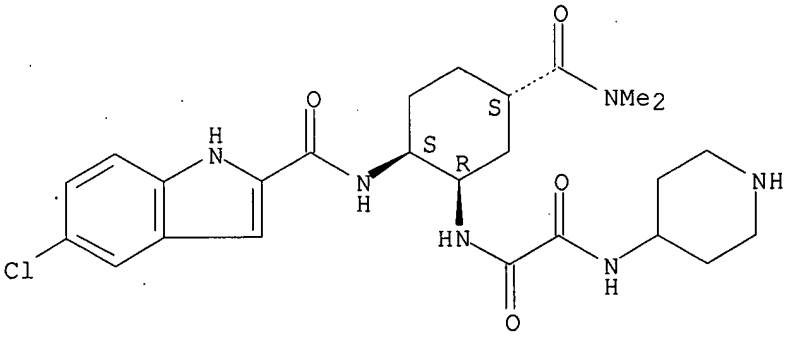


● HCl

RN 480449-32-9 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-4-piperidinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

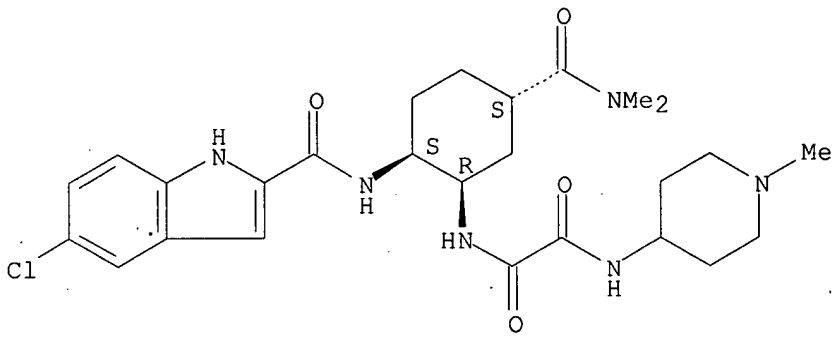
Updated Search



● HCl

RN 480449-33-0 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-(1-methyl-4-piperidinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



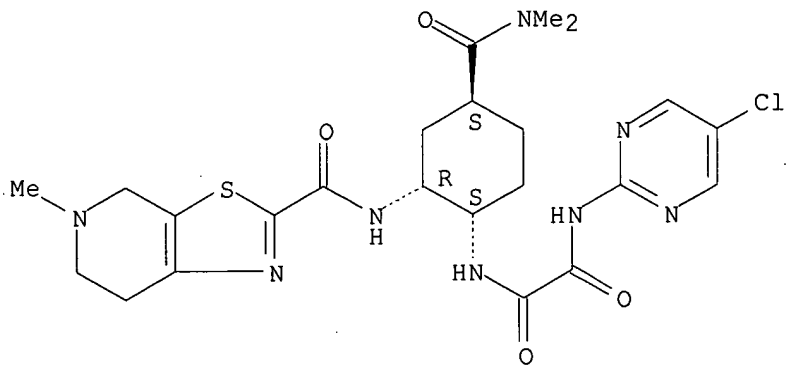
● HCl

RN 480449-35-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyrimidinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

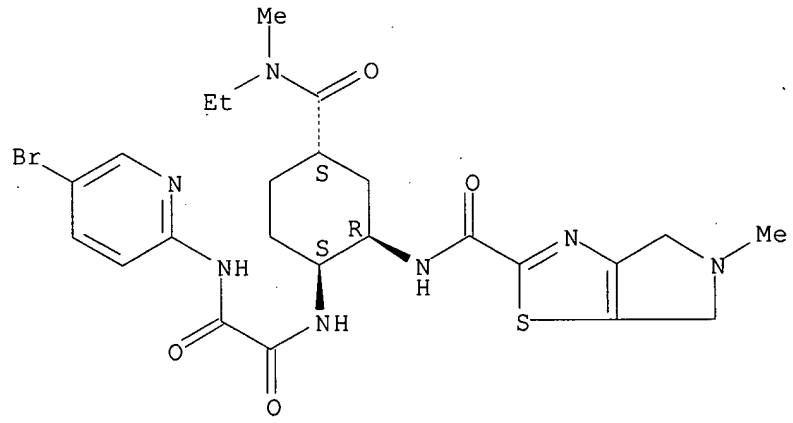
1077334



● HCl

RN 480449-37-4 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



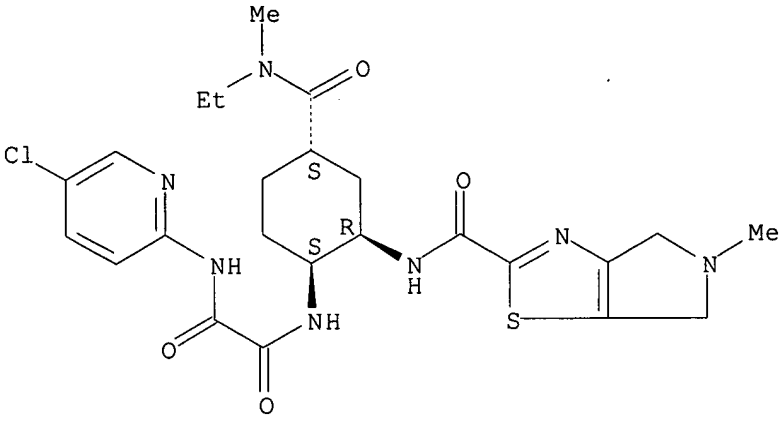
● HCl

RN 480449-38-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

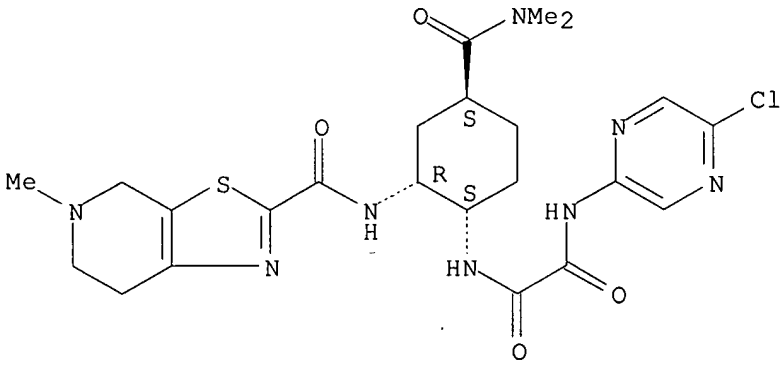
1077334



● HCl

RN 480449-43-2 HCAPLUS
CN Ethanediamide, N-(5-chloropyrazinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

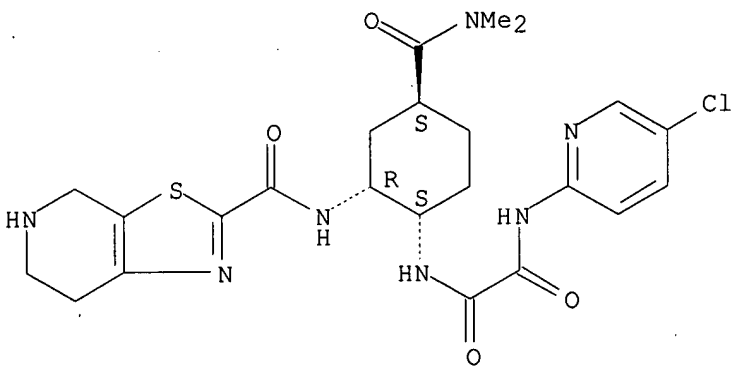


● HCl

RN 480449-52-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

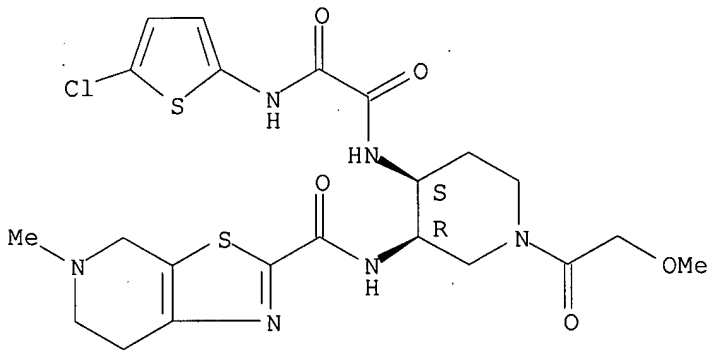
Updated Search



● HCl

RN 480449-57-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



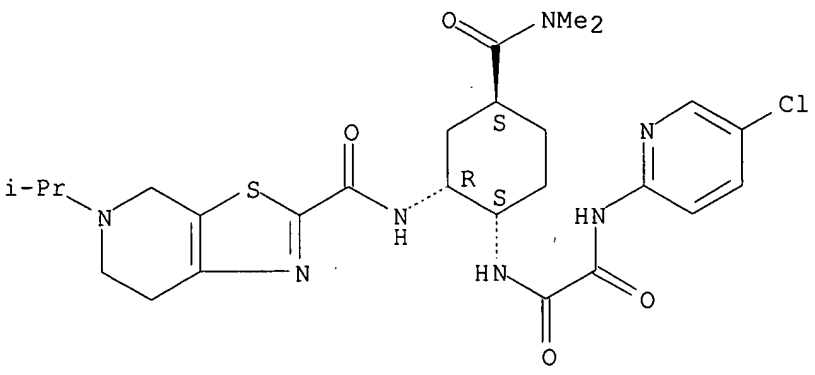
● HCl

RN 480449-63-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-(1-methylethyl)thiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

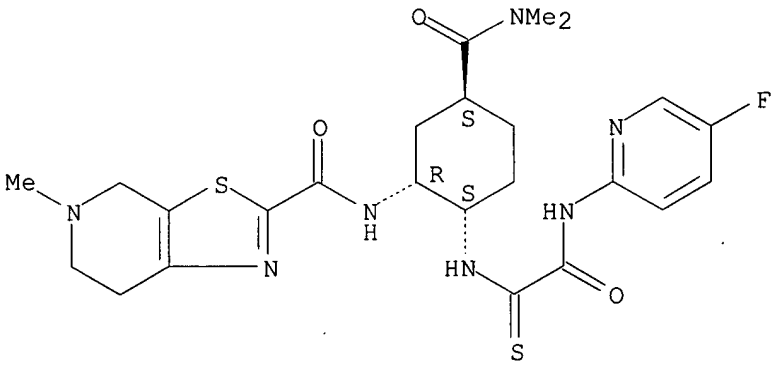
1077334



● HCl

RN 480449-65-8 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



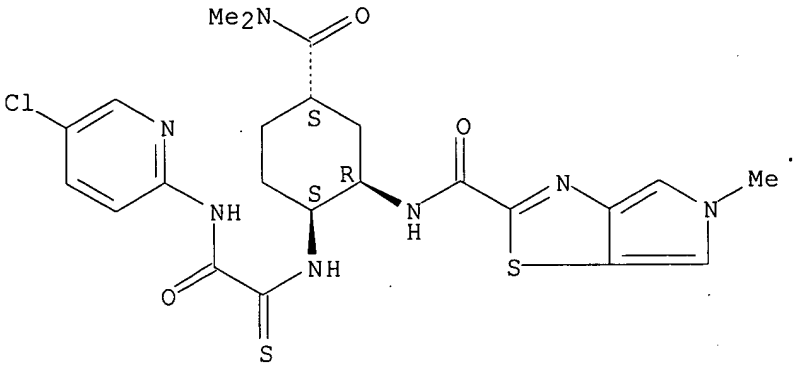
● HCl

RN 480449-66-9 HCAPLUS
CN 5H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

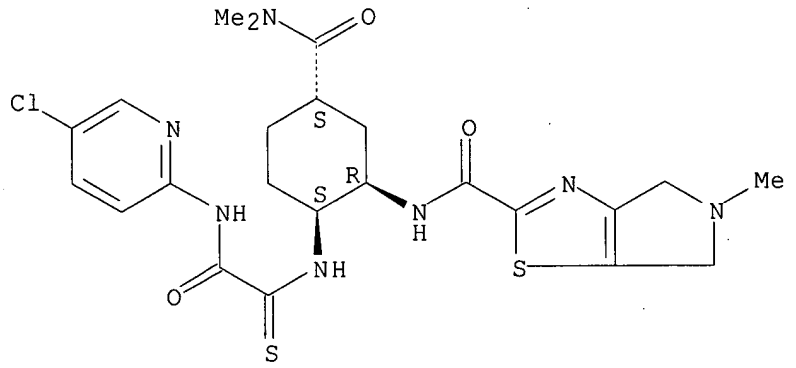
Updated Search

1077334



RN 480449-67-0 HCAPLUS
CN 4H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5,6-dihydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



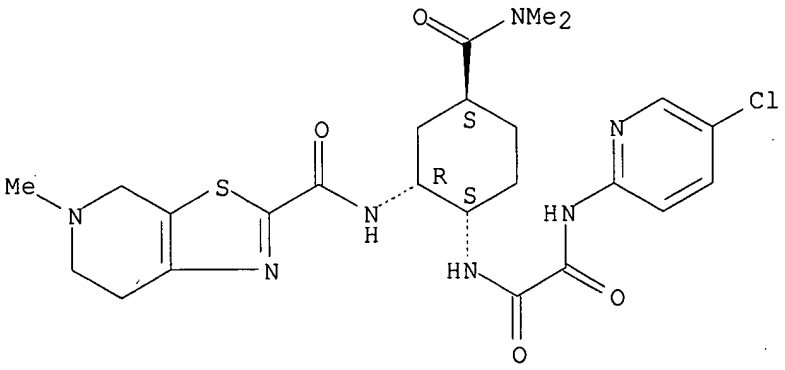
● HCl

RN 480449-70-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

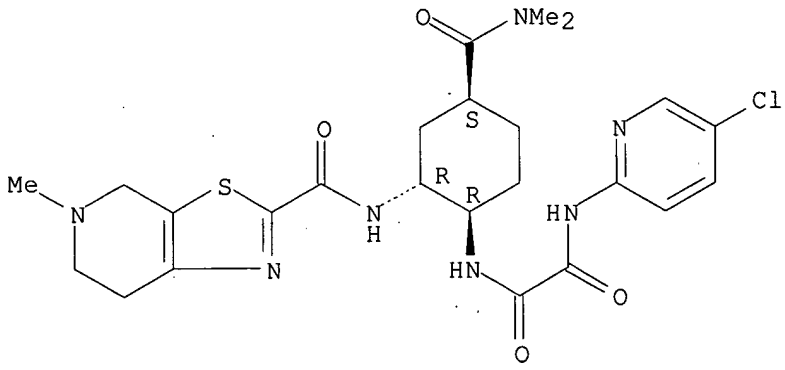
Updated Search

1077334



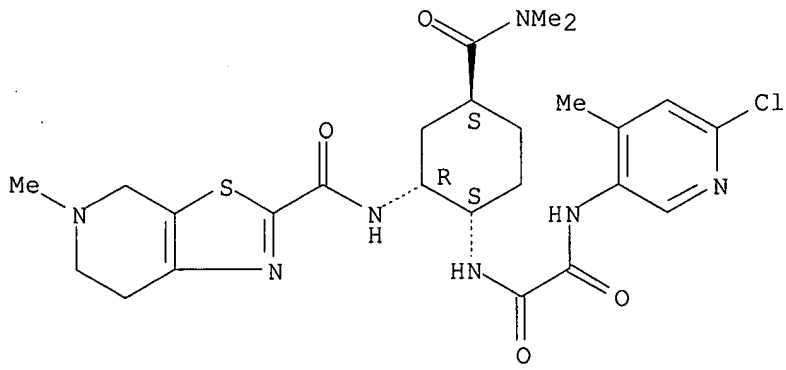
RN 500572-10-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 500572-15-6 HCAPLUS
CN Ethanediamide, N-(6-chloro-4-methyl-3-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

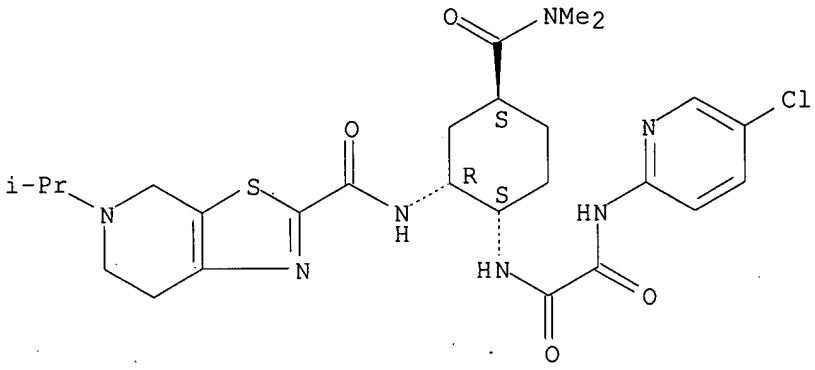


Updated Search

1077334

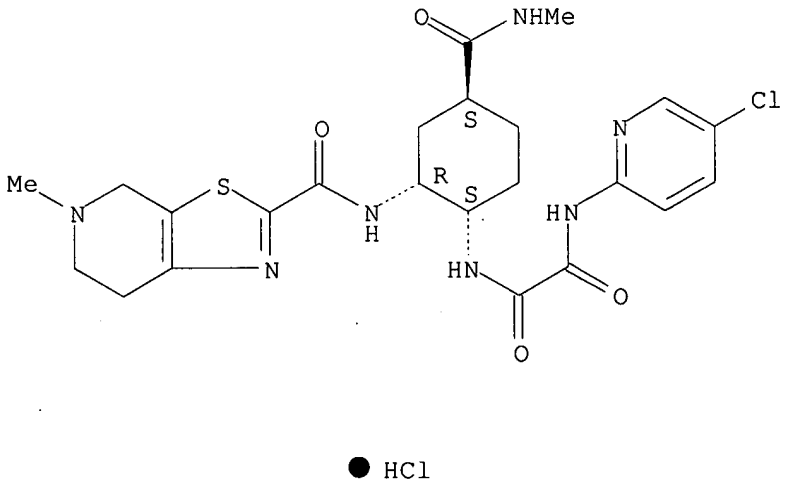
RN 500572-20-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-(1-methylethyl)thiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 500572-21-4 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(methylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

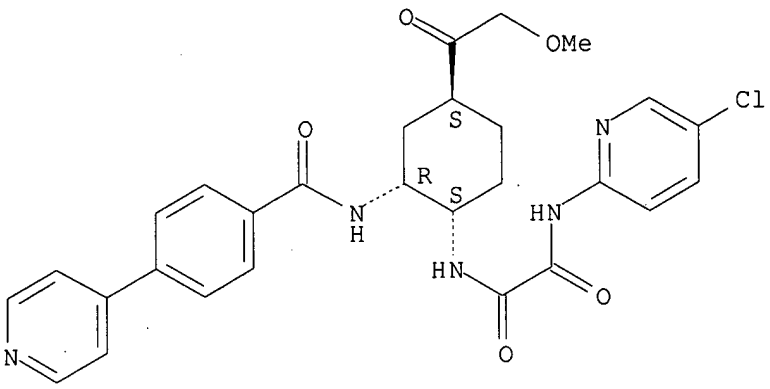


● HCl

RN 500572-22-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(methoxyacetyl)-2-[[4-(4-pyridinyl)benzoyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

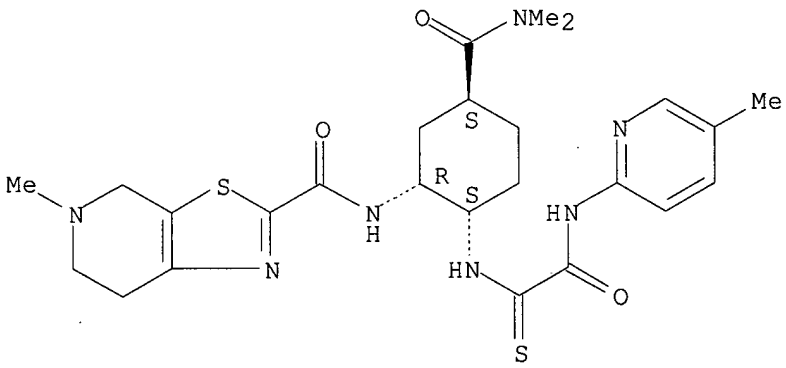
Updated Search



● HCl

RN 500572-23-6 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-methyl-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

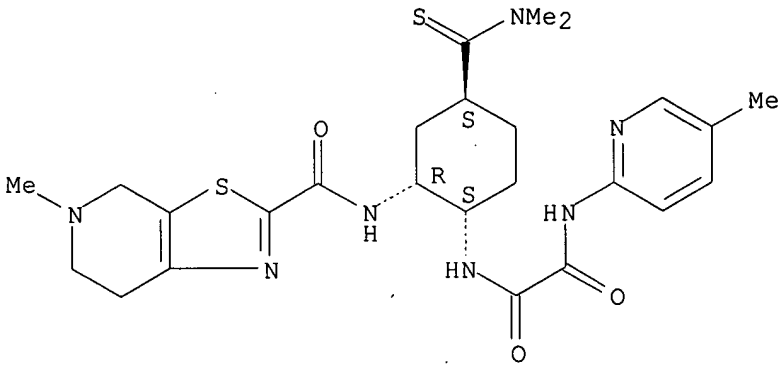


● HCl

RN 500572-25-8 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)thioxomethyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-methyl-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

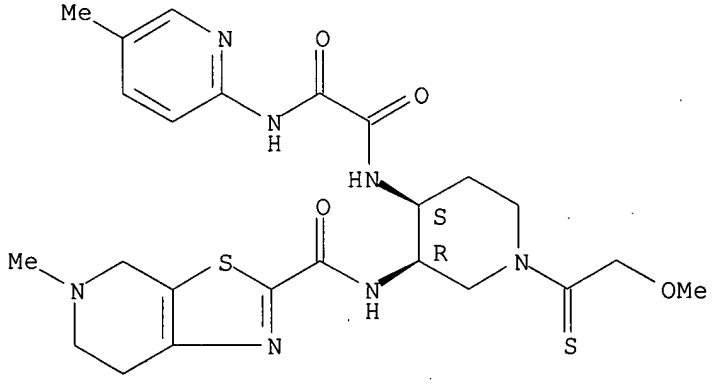
Updated Search



● HCl

RN 500572-26-9 HCAPLUS
CN Ethanediamide, N-[(3R,4S)-1-(2-methoxy-1-thioxoethyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-N'-(5-methyl-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

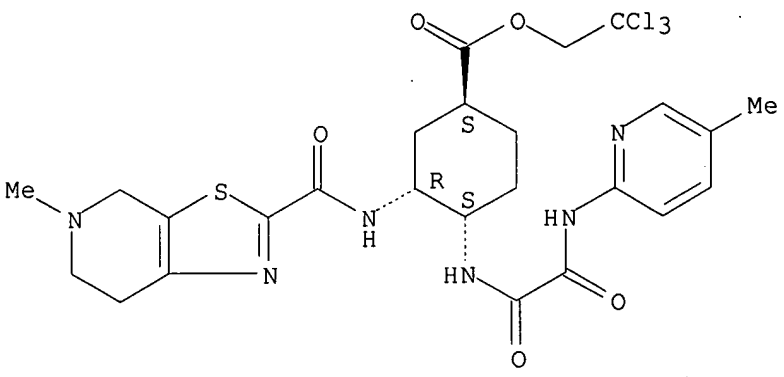


● HCl

RN 500572-27-0 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[[(5-methyl-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, 2,2,2-trichloroethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

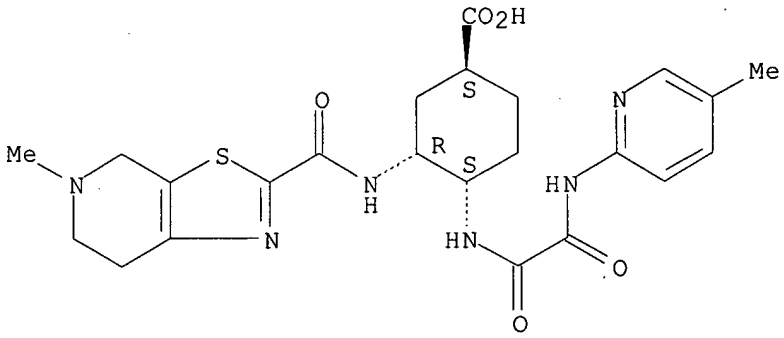
Absolute stereochemistry.

Updated Search



RN 500572-28-1 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[[(5-methyl-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, (1S,3R,4S)- (9CI) (CA INDEX NAME)

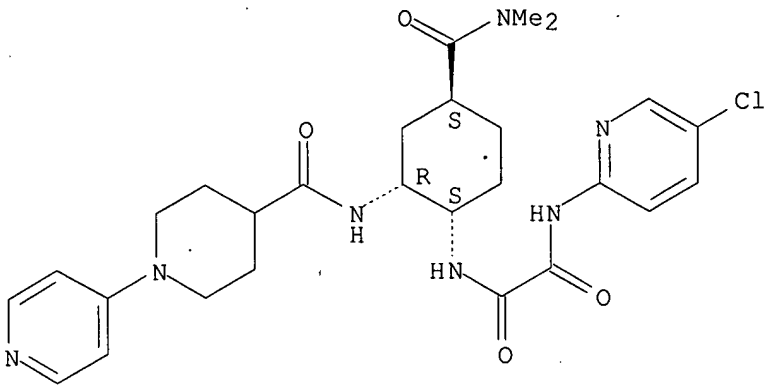
Absolute stereochemistry.



RN 500572-30-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[1-(4-pyridinyl)-4-piperidinyl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

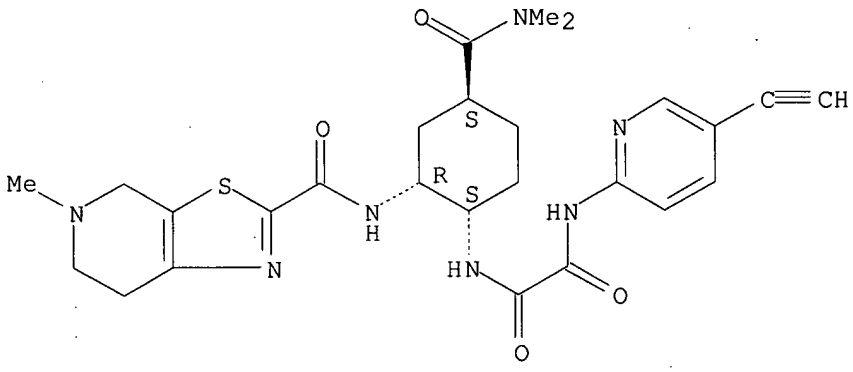
Updated Search



● HCl

RN 500572-31-6 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-ethynyl-2-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

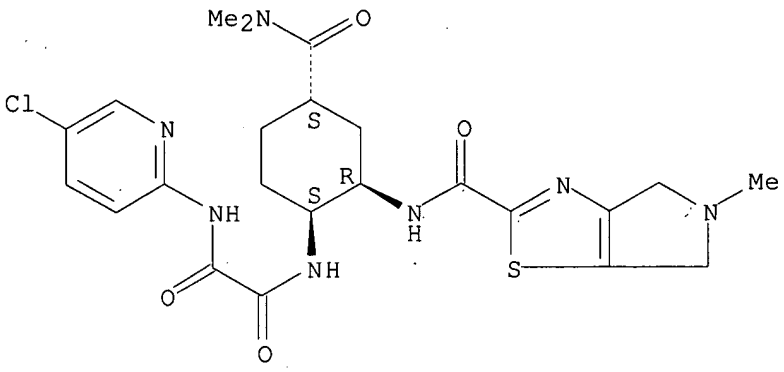


RN 500572-32-7 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

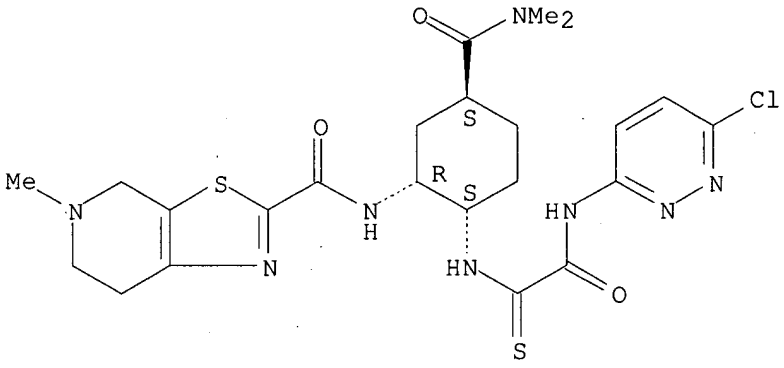
Updated Search

1077334



RN 500572-33-8 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridazinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



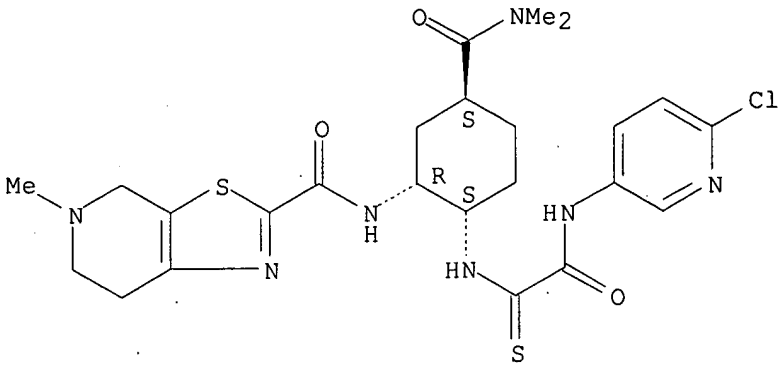
● HCl

RN 500572-34-9 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

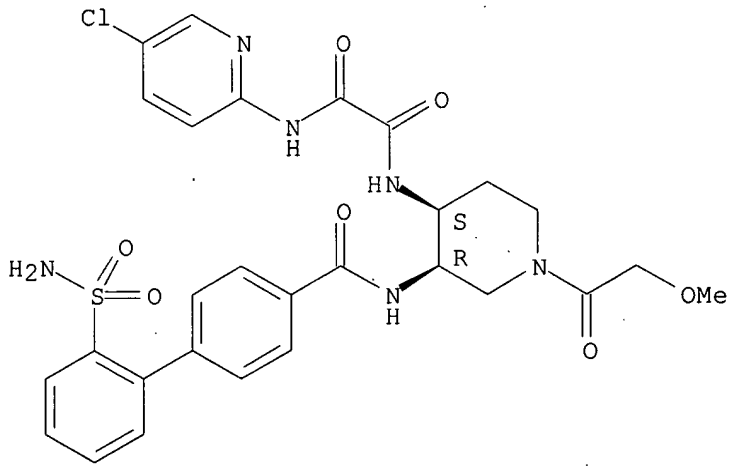
1077334



● HCl

RN 500572-35-0 HCAPLUS
CN Ethanediamide, N-[(3R,4S)-3-[[[2'-(aminosulfonyl)[1,1'-biphenyl]-4-yl]carbonyl]amino]-1-(methoxyacetyl)-4-piperidinyl]-N'-(5-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

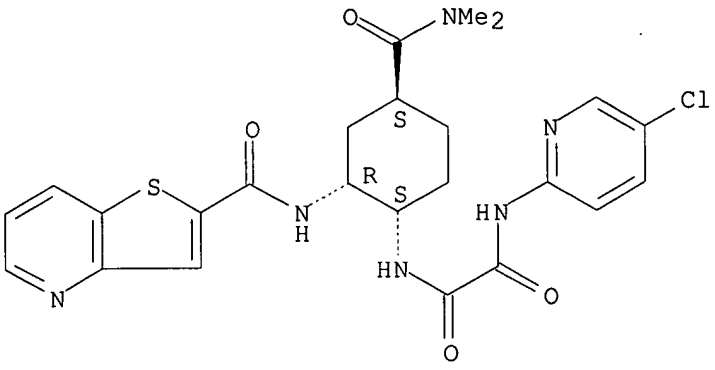
Absolute stereochemistry.



RN 500572-36-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[(thieno[3,2-b]pyridin-2-ylcarbonyl)amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



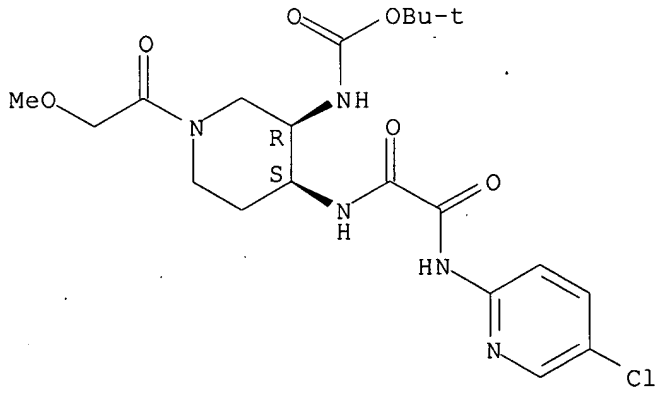
● HCl

IT 480451-83-0P 480451-85-2P 480451-98-7P
480452-04-8P 480452-32-2P 480452-36-6P
480452-38-8P 480452-43-5P 480452-44-6P
480452-49-1P 500571-37-9P 500571-40-4P
500571-44-8P 500571-48-2P 500571-53-9P
500571-55-1P 500571-58-4P 500571-62-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of diamines as factor Xa inhibitors)

RN 480451-83-0 HCAPLUS

CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

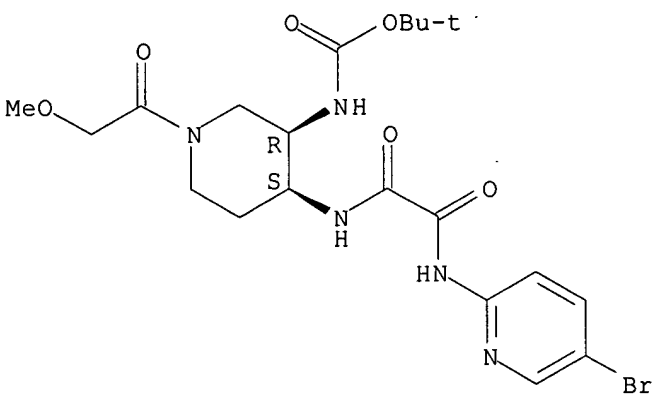


RN 480451-85-2 HCAPLUS

CN Carbamic acid, [(3R,4S)-4-[[[(5-bromo-2-pyridinyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

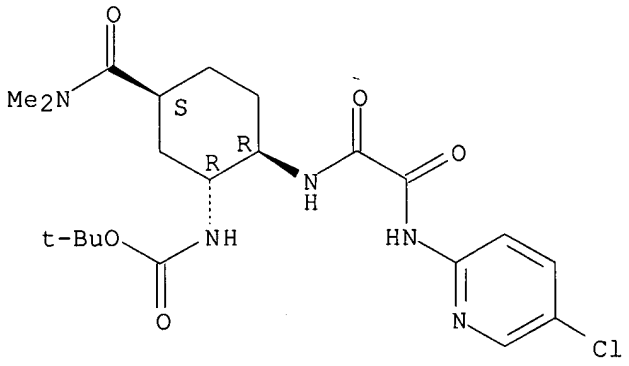
Absolute stereochemistry.

Updated Search



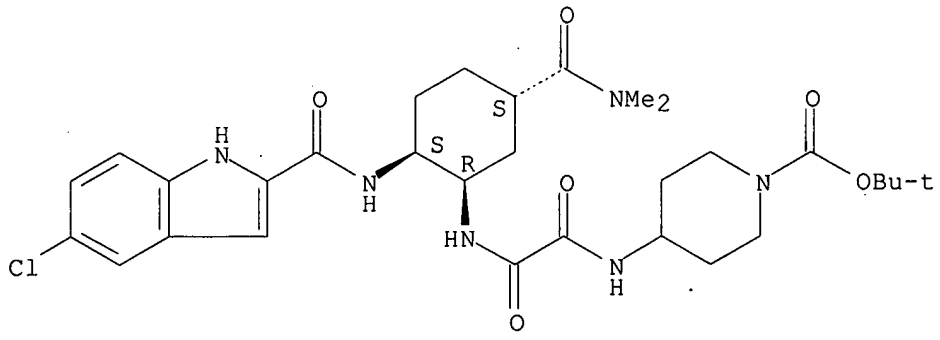
RN 480451-98-7 HCAPLUS
CN Carbamic acid, [(1R,2R,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-04-8 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]oxoacetyl]amino]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

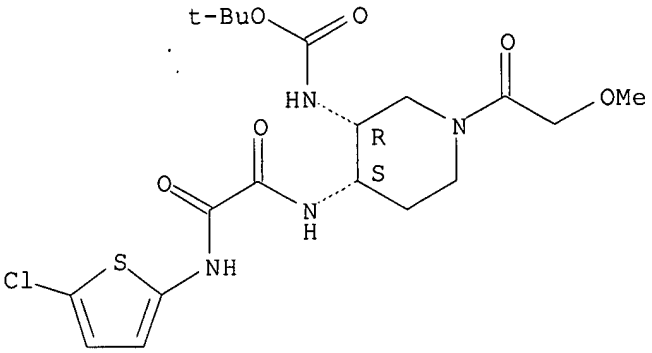


Updated Search

1077334

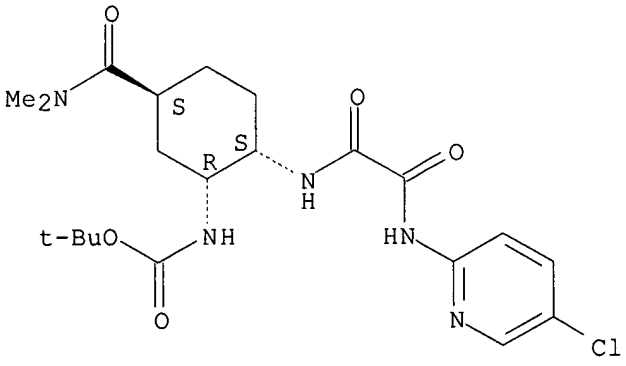
RN 480452-32-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-thienyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-36-6 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

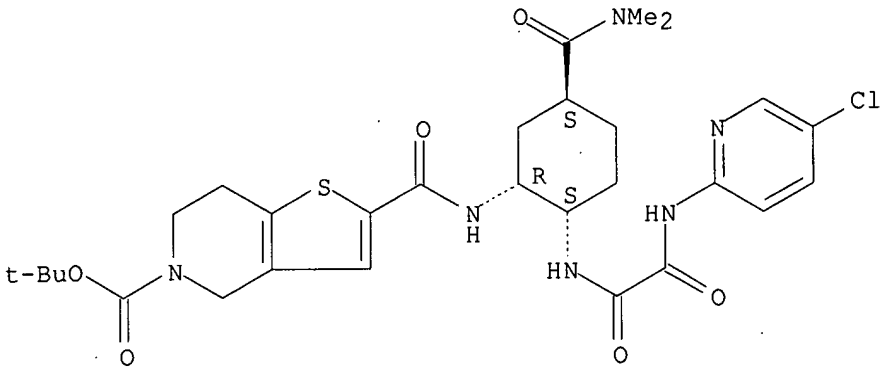
Absolute stereochemistry.



RN 480452-38-8 HCAPLUS
CN Thieno[3,2-c]pyridine-5(4H)-carboxylic acid, 2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-6,7-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

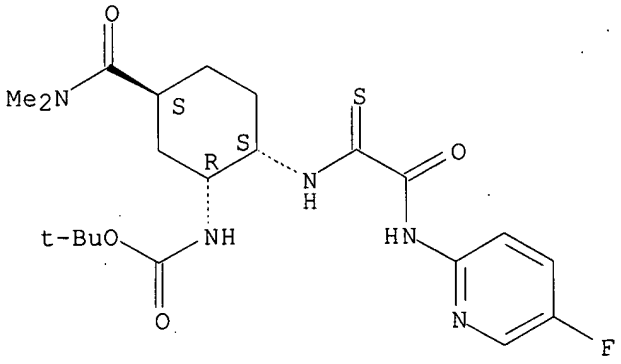
Absolute stereochemistry.

Updated Search



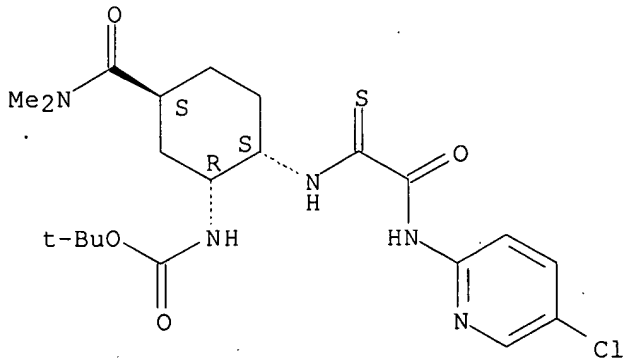
RN 480452-43-5 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-44-6 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

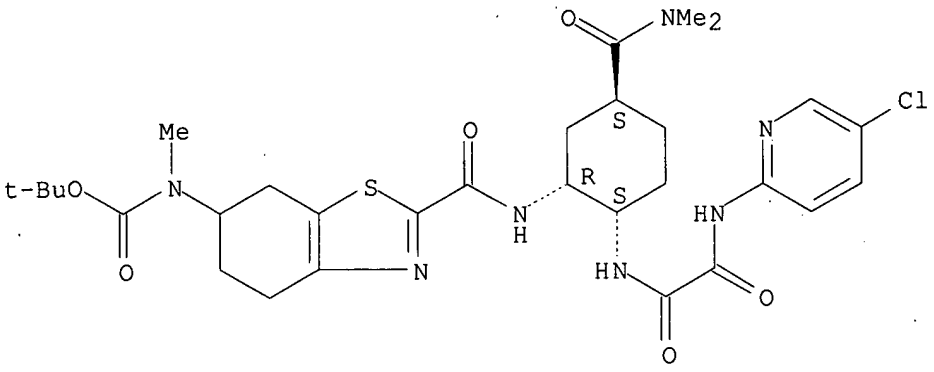


Updated Search

1077334

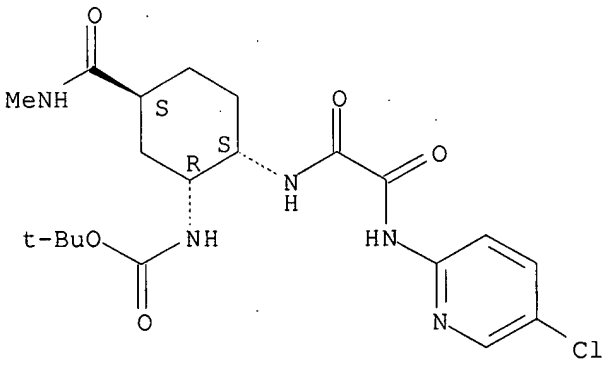
RN 480452-49-1 HCAPLUS
CN Carbamic acid, [2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-4,5,6,7-tetrahydro-6-benzothiazolyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 500571-37-9 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(methylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

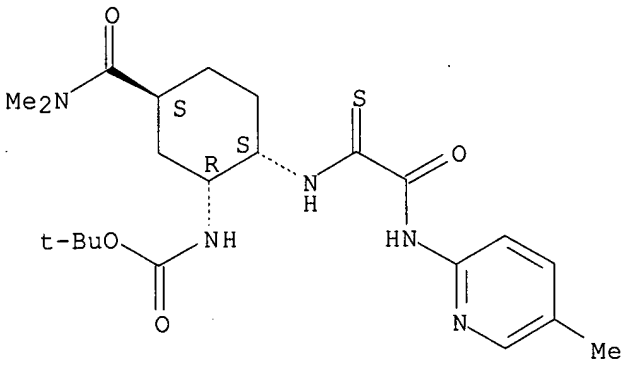


RN 500571-40-4 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-methyl-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

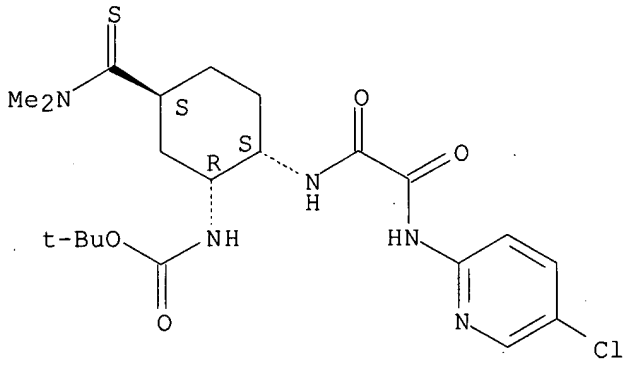
Updated Search

1077334



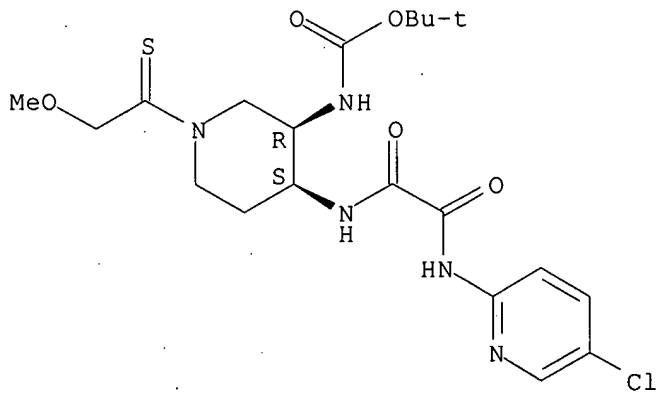
RN 500571-44-8 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)thioxomethyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 500571-48-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(2-methoxy-1-thioxoethyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

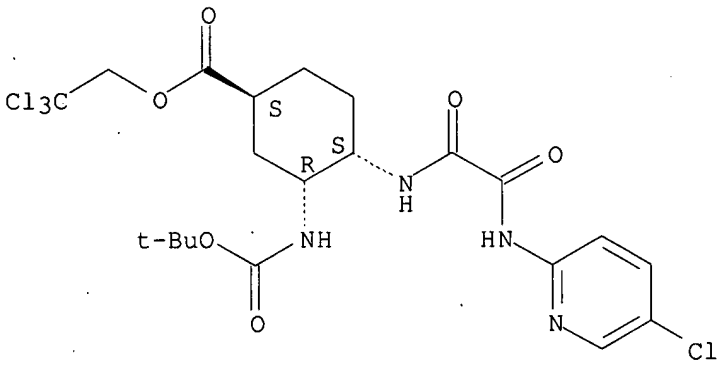


Updated Search

1077334

RN 500571-53-9 HCAPLUS
CN Cyclohexanecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(1,1-dimethylethoxy)carbonyl]amino]-, 2,2,2-trichloroethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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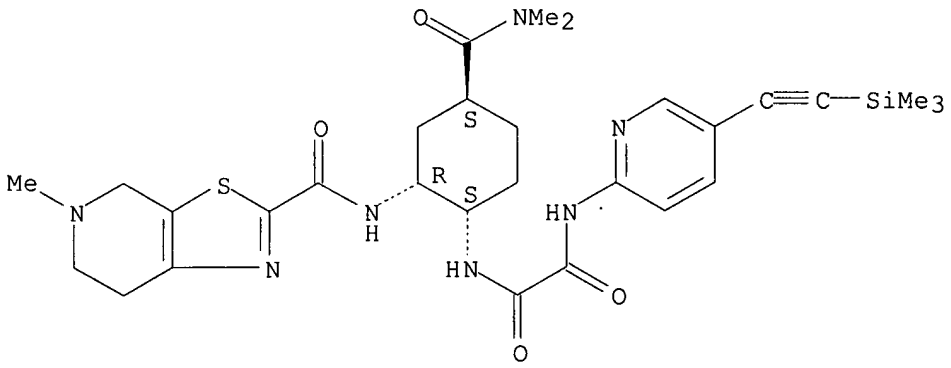
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-[5-[(trimethylsilyl)ethynyl]-2-pyridinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

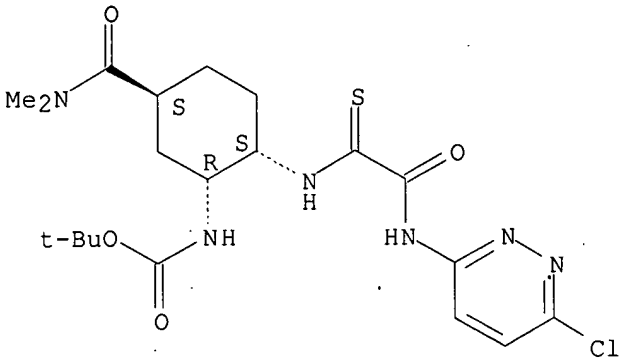


RN 500571-58-4 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridazinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

1077334



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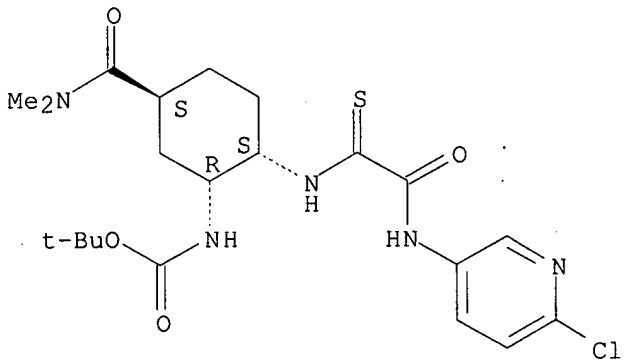
CN Carbamic acid, [(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 64 THERE ARE 64 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:5949 HCAPLUS
DOCUMENT NUMBER: 138:89801
TITLE: Preparation of heterocyclic moiety-containing diamine derivatives as FXa inhibitors
INVENTOR(S): Ohta, Toshiharu; Komoriya, Satoshi; Yoshino, Toshiharu; Uoto, Kouichi; Nakamoto, Yumi; Naito, Hiroyuki; Mochizuki, Akiyoshi; Nagata, Tsutomu; Kanno, Hideyuki; Haginoya, Noriyasu; Yoshikawa, Kenji; Nagamochi, Masatoshi; Kobayashi, Syozo; Ono, Makoto
PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 811 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

Updated Search

WO 2003000680	A1	20030103	WO 2002-JP6141	20020620
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NO 2004000557	A	20040402	NO 2004-557	20040206
US 2005245565	A1	20051103	US 2004-481629	20040601
PRIORITY APPLN. INFO.:			JP 2001-187105 A	20010620
			JP 2001-243046 A	20010809
			JP 2001-311808 A	20011009
			JP 2001-398708 A	20011228
			WO 2002-JP2683 W	20020320
			WO 2002-JP6141 W	20020620
			WO 2002-JP8119 W	20020808
OTHER SOURCE(S):	MARPAT 138:89801			

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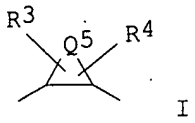
Updated Search

1077334



I

AB The title compds. Q1-Q2-T0-N(R1)-Q3-N(R2)-T1-Q4 [R1 and R2 represent each hydrogen, etc.; Q1 represents optionally substituted, saturated or unsatd. 5- or 6-membered hydrocarbyl, etc.; Q2 represents a single bond, etc.; Q3 represents I (wherein Q5 represents C1-8 alkylene, etc.; R3, R4 represent each hydrogen, etc.); Q4 represents (un)substituted aryl, etc.; and T0 and T1 represent each carbonyl, etc.] are prepared These compds. are useful as preventives and/or remedies for brain infarction, cerebral embolism, myocardial infarction, angina, thrombosis, etc. Compds. of this invention in vitro showed IC50 values of 1.4 nM to 92 nM against human FXa.

IT 480448-29-1P 480448-40-6P 480448-41-7P
480448-42-8P 480448-43-9P 480448-44-0P
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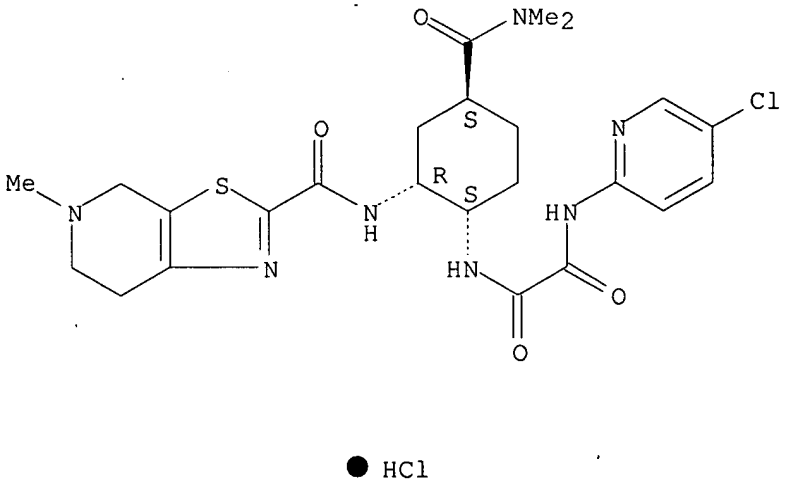
480449-70-5P 480449-71-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heterocyclic moiety-containing diamine derivs. as FXa inhibitors)

RN 480448-29-1 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



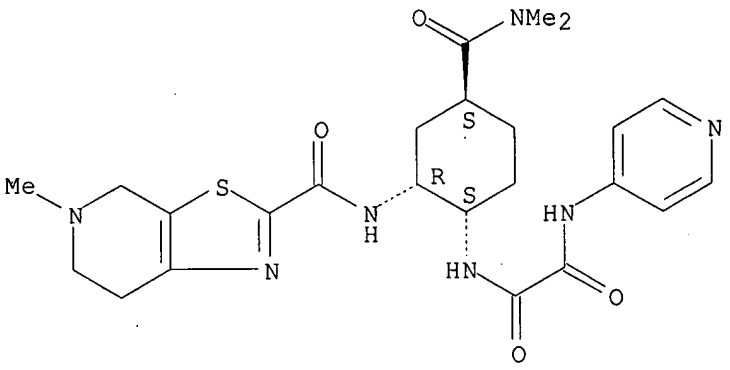
● HCl

Updated Search

1077334

RN 480448-40-6 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-4-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

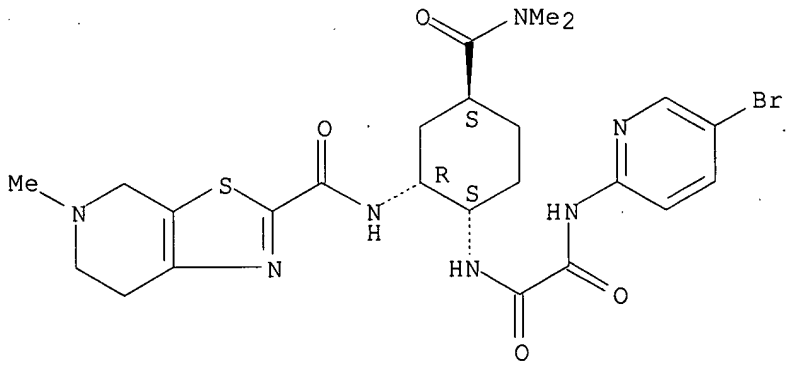
Absolute stereochemistry.



● HCl

RN 480448-41-7 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



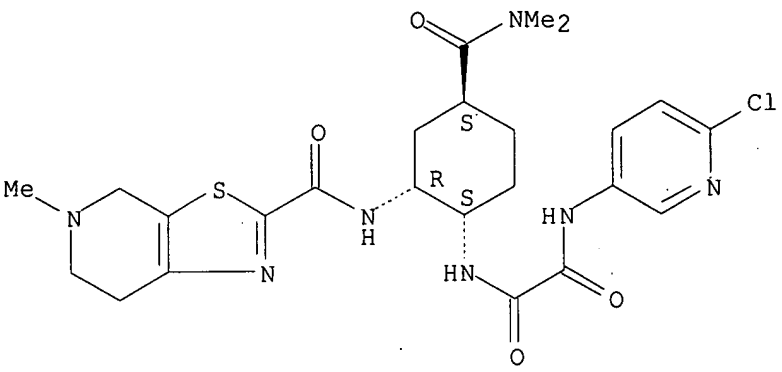
● HCl

RN 480448-42-8 HCAPLUS
CN Ethanediamide, N-(6-chloro-3-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Updated Search

1077334

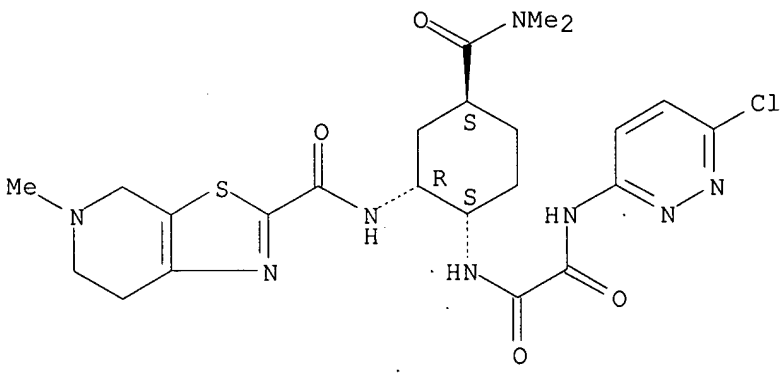
Absolute stereochemistry.



● HCl

RN 480448-43-9 HCAPLUS
CN Ethanediamide, N-(6-chloro-3-pyridazinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



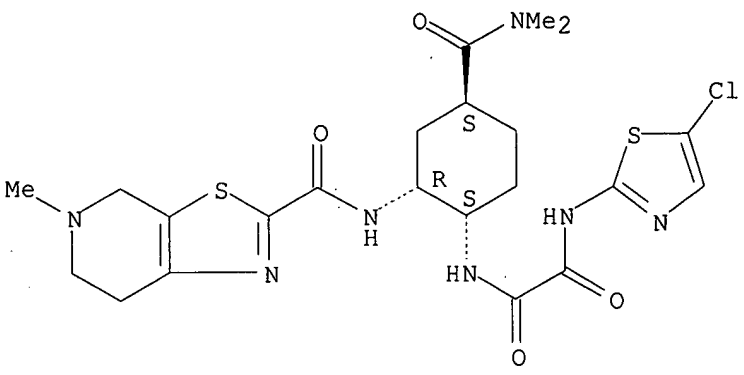
● HCl

RN 480448-44-0 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thiazolyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

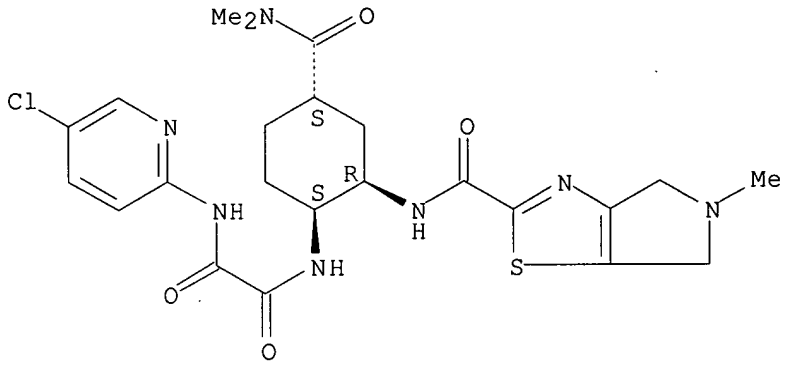
1077334



● HCl

RN 480448-45-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

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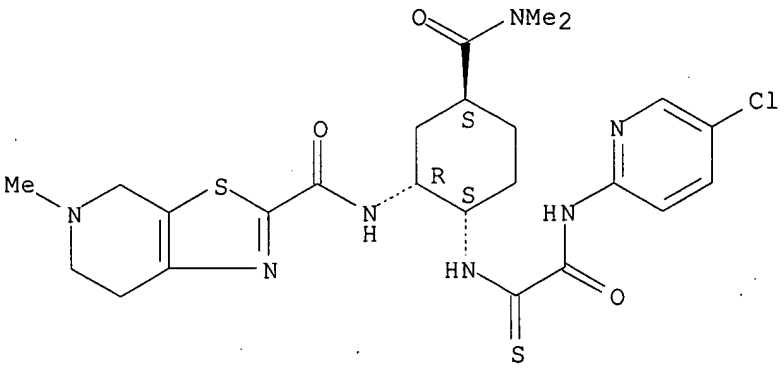
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

1077334



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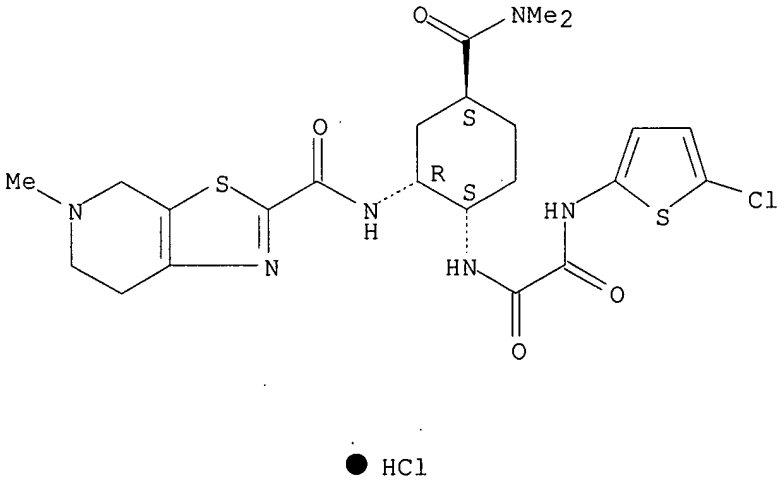
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

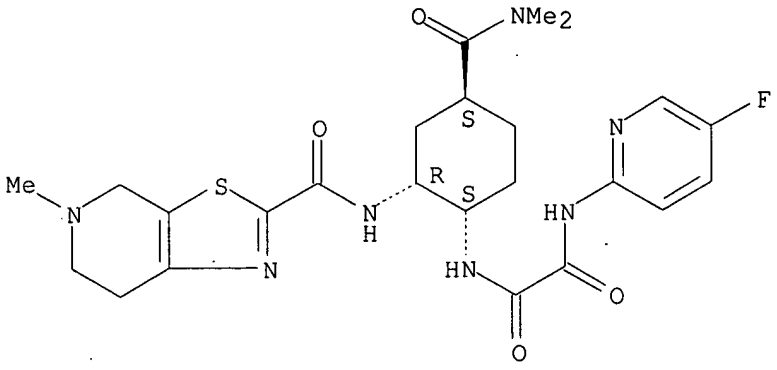


● HCl

RN 480449-09-0 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-fluoro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

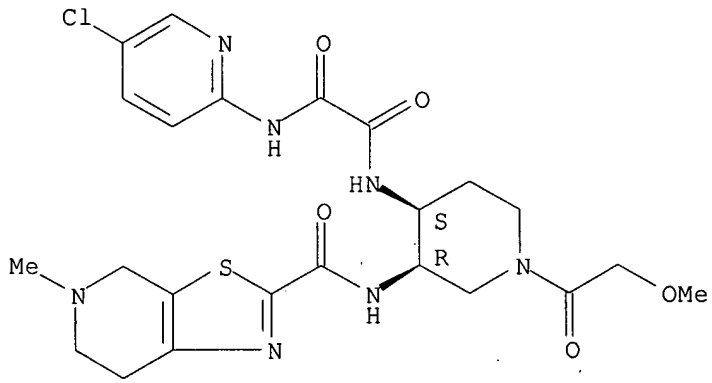
Updated Search



● HCl

RN 480449-18-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

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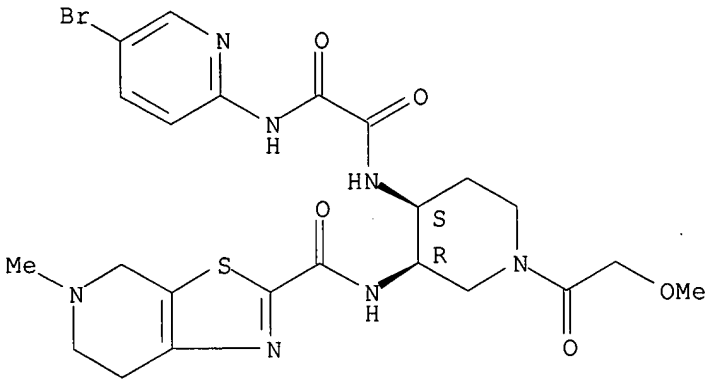
Absolute stereochemistry.

Updated Search

1077334



● HCl

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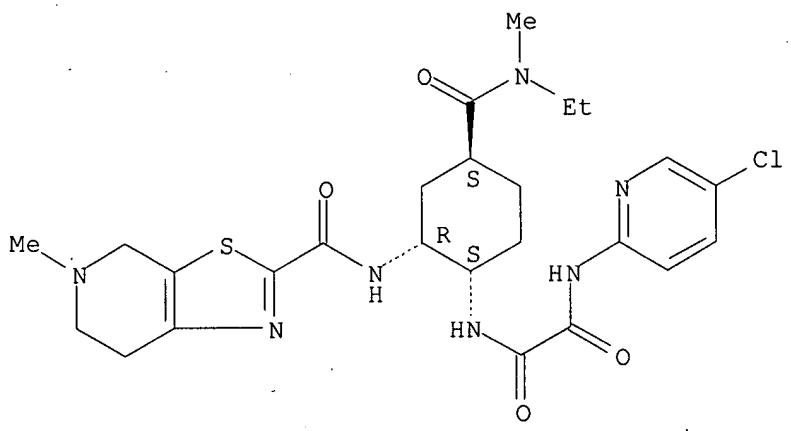
Absolute stereochemistry.

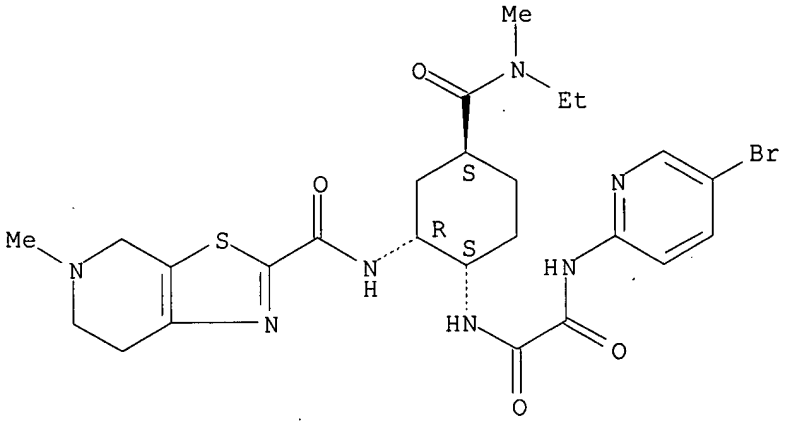


● HCl

RN 480449-24-9 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(ethylmethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

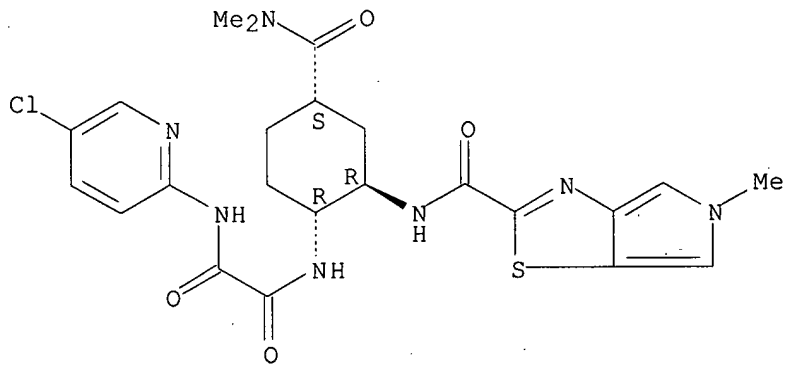
Updated Search



● HCl

RN 480449-27-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(5-methyl-5H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

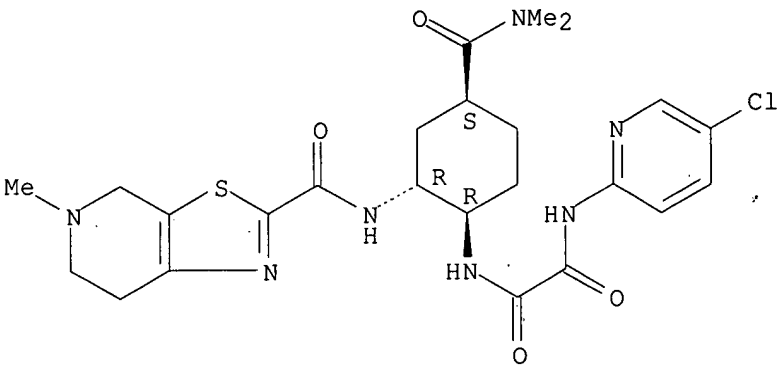
Absolute stereochemistry.



RN 480449-28-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

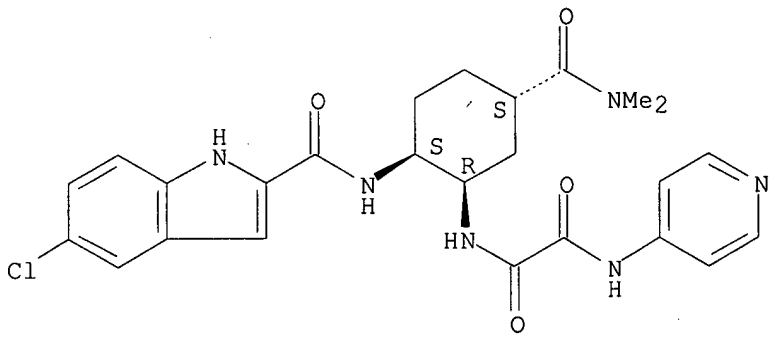
Updated Search



● HCl

RN 480449-30-7 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-4-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

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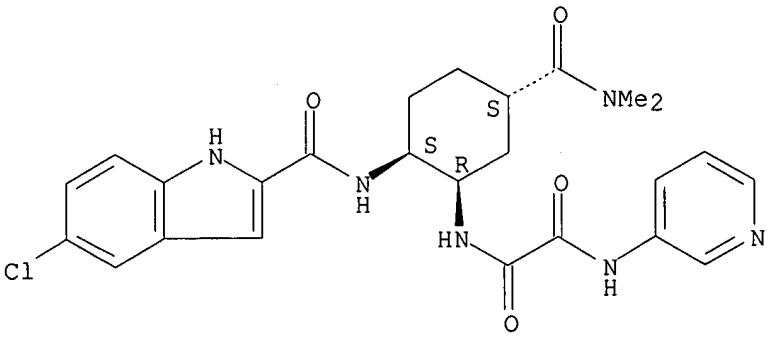
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-3-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

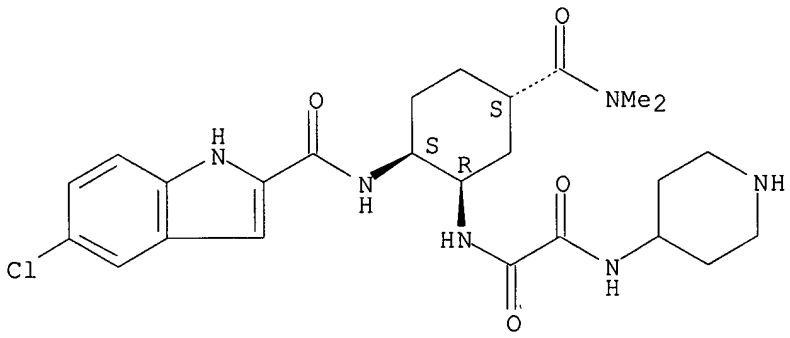
Updated Search



● HCl

RN 480449-32-9 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-4-piperidinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

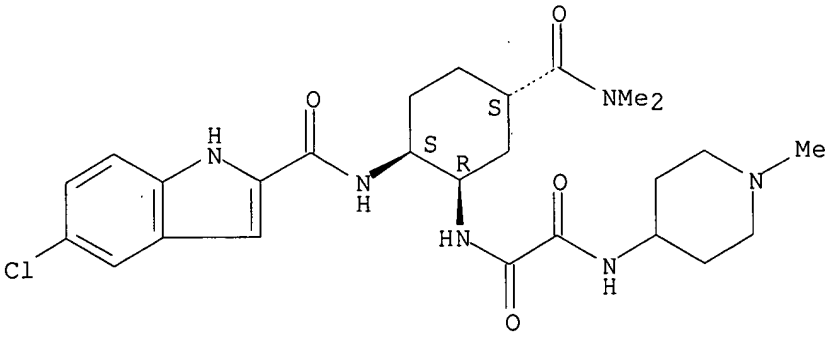


● HCl

RN 480449-33-0 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-(1-methyl-4-piperidinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

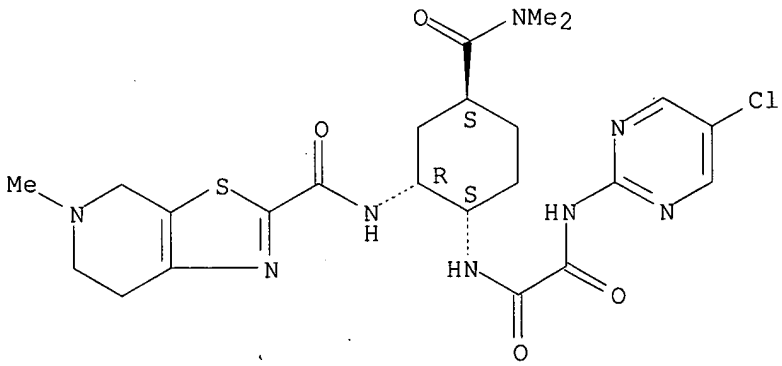
Updated Search



● HCl

RN 480449-35-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyrimidinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

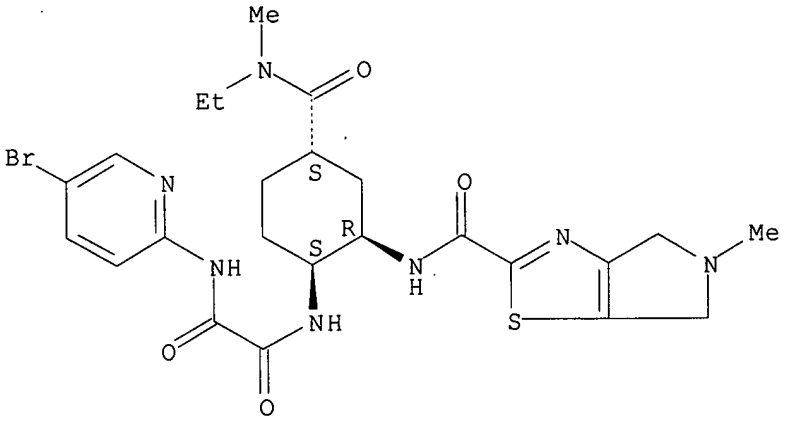


● HCl

RN 480449-37-4 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

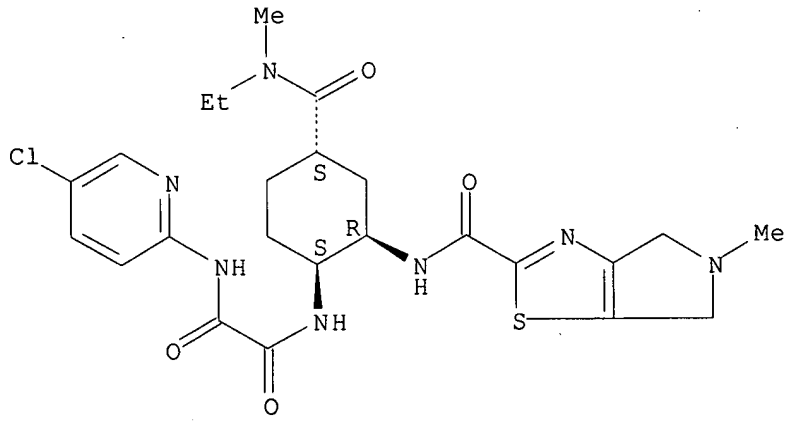
Updated Search



● HCl

RN 480449-38-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

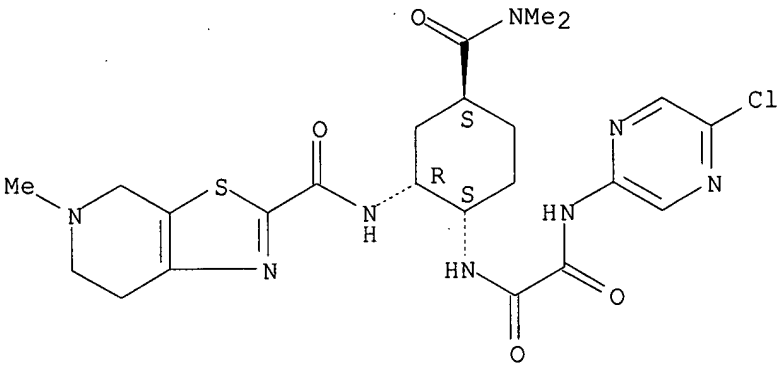


● HCl

RN 480449-43-2 HCAPLUS
CN Ethanediamide, N-(5-chloropyrazinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

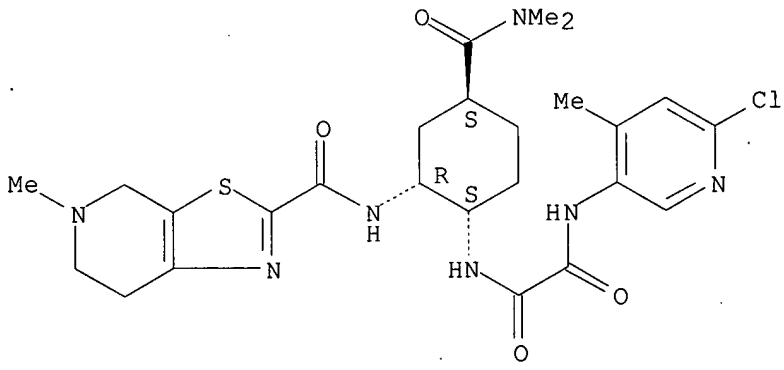
Updated Search



● HCl

RN 480449-49-8 HCAPLUS
CN Ethanediamide, N-(6-chloro-4-methyl-3-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

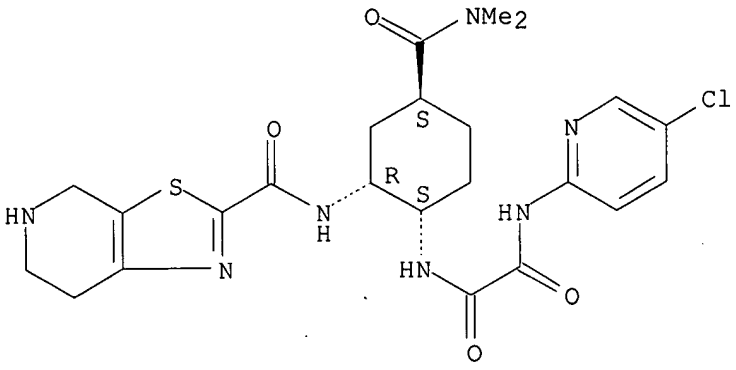


● HCl

RN 480449-52-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

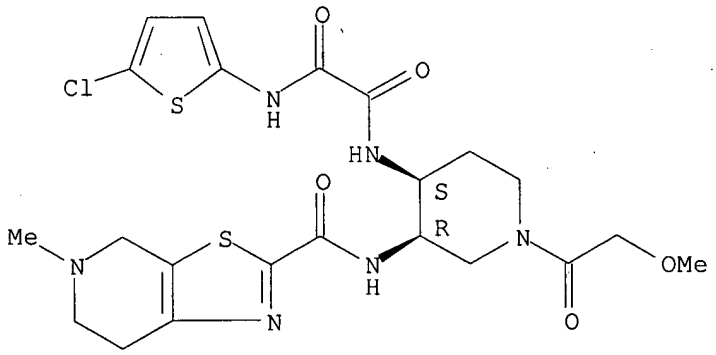
Updated Search



● HCl

RN 480449-57-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

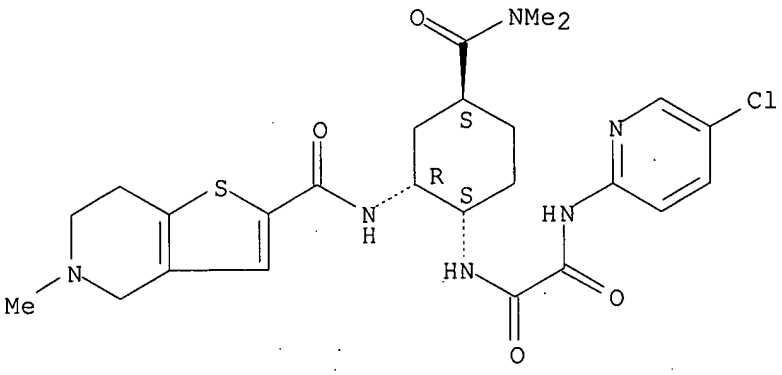


● HCl

RN 480449-62-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthieno[3,2-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

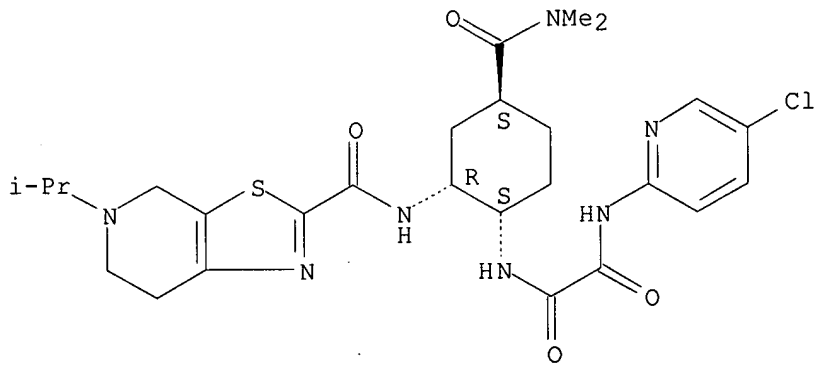
Updated Search



● HCl

RN 480449-63-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-(1-methylethyl)thiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



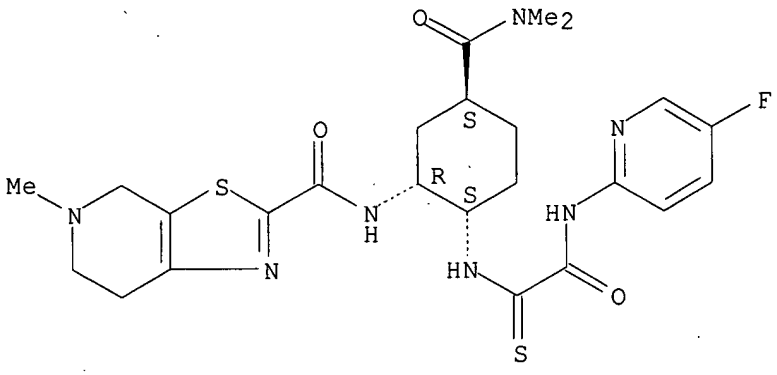
● HCl

RN 480449-65-8 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

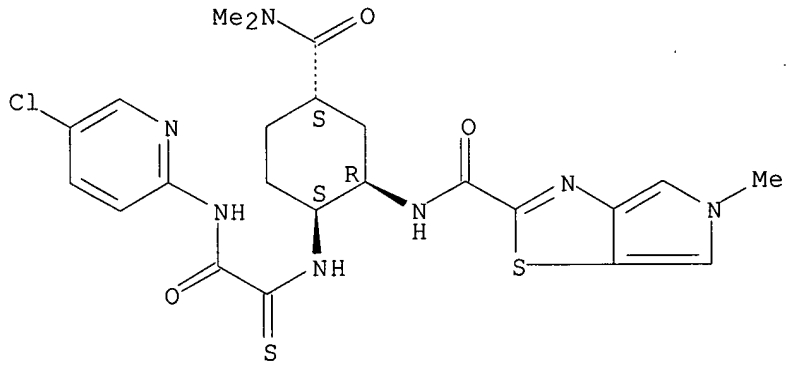
1077334



● HCl

RN 480449-66-9 HCAPLUS
CN 5H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

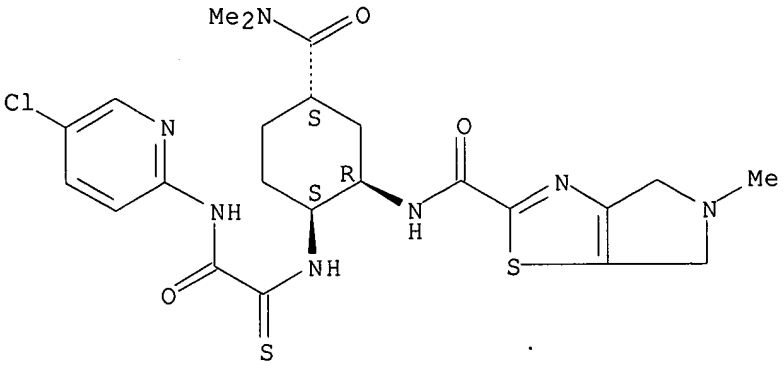


RN 480449-67-0 HCAPLUS
CN 4H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5,6-dihydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

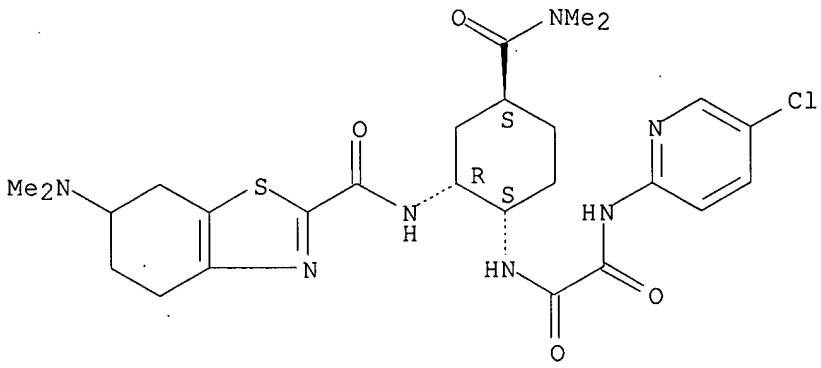
1077334



● HCl

RN 480449-68-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[6-(dimethylamino)-4,5,6,7-tetrahydro-2-benzothiazolyl]carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

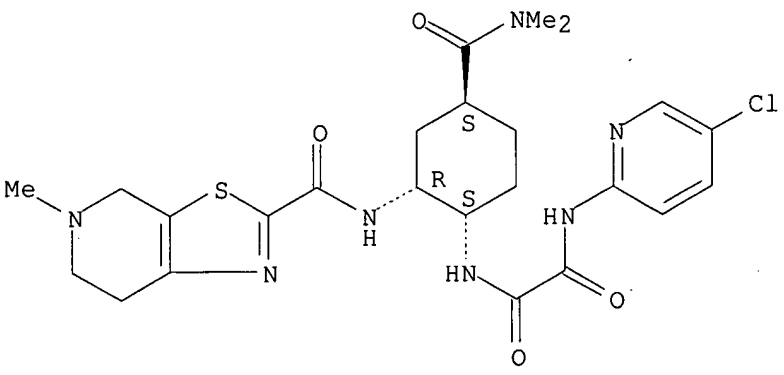


RN 480449-70-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

1077334

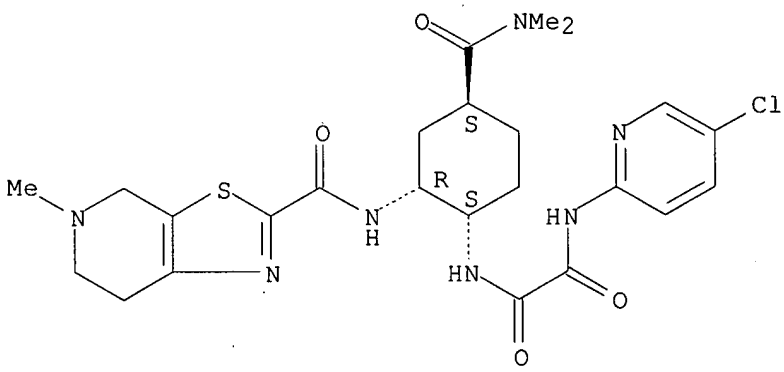


RN 480449-71-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, mono(4-methylbenzenesulfonate) (9CI) (CA INDEX NAME)

CM 1

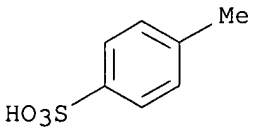
CRN 480449-70-5
CMF C24 H30 Cl N7 O4 S

Absolute stereochemistry.



CM 2

CRN 104-15-4
CMF C7 H8 O3 S



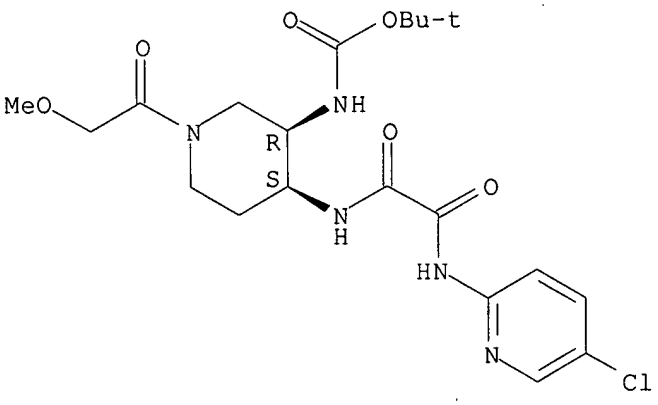
IT 480451-83-0P 480451-85-2P 480451-98-7P
480452-04-8P 480452-32-2P 480452-36-6P

Updated Search

480452-38-8P 480452-43-5P 480452-44-6P
480452-49-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of heterocyclic moiety-containing diamine derivs. as FXa inhibitors)

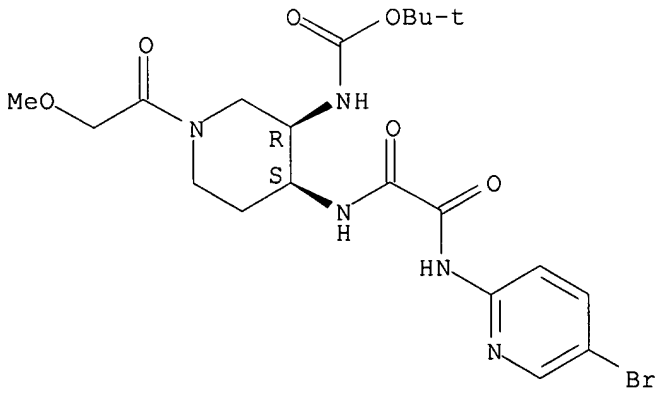
RN 480451-83-0 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480451-85-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-bromo-2-pyridinyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

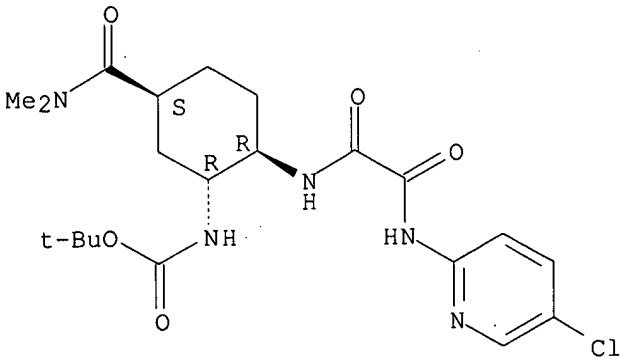


RN 480451-98-7 HCAPLUS
CN Carbamic acid, [(1R,2R,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

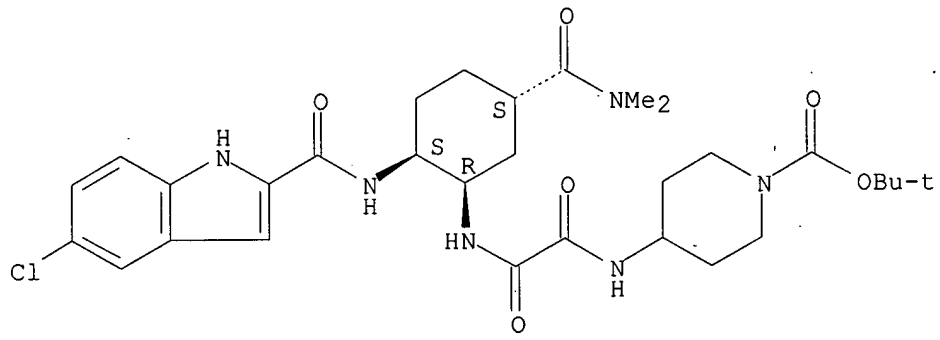
Updated Search

1077334



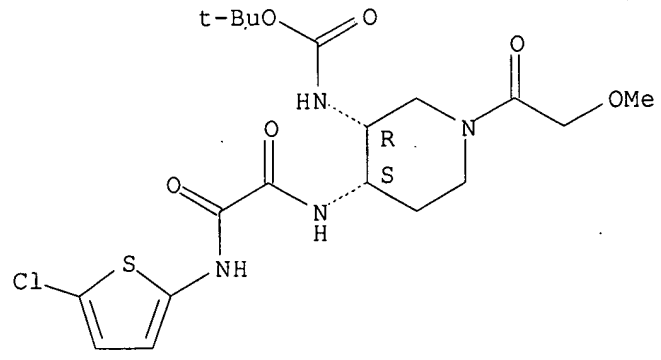
RN 480452-04-8 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]oxoacetyl]amino]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-32-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-thienyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



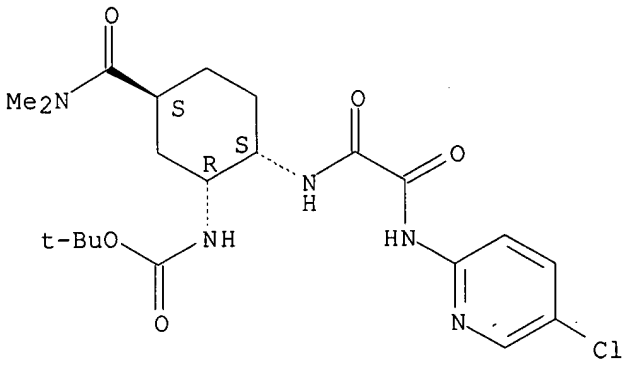
RN 480452-36-6 HCAPLUS

Updated Search

1077334

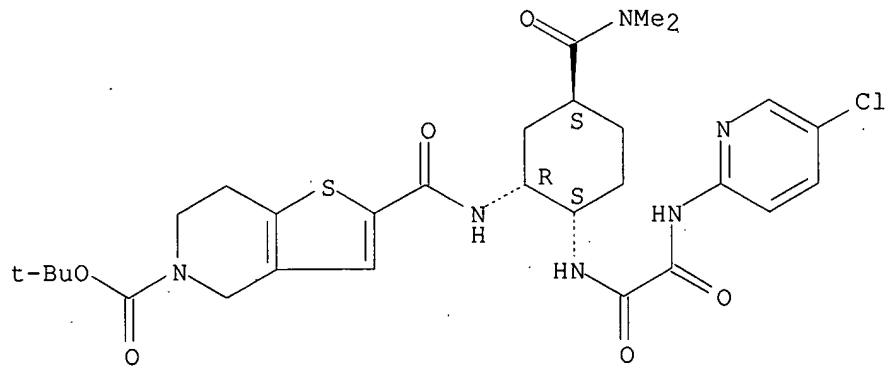
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-38-8 HCAPLUS
CN Thieno[3,2-c]pyridine-5(4H)-carboxylic acid, 2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-6,7-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

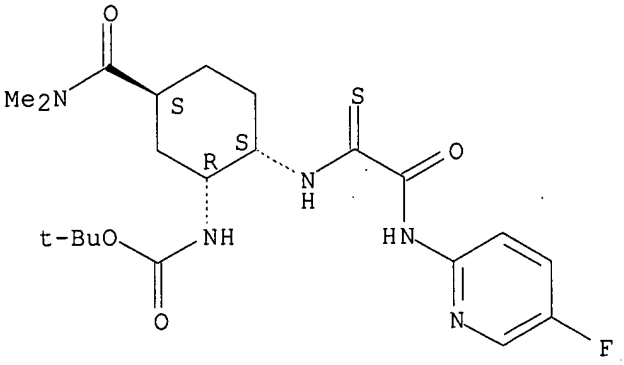


RN 480452-43-5 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

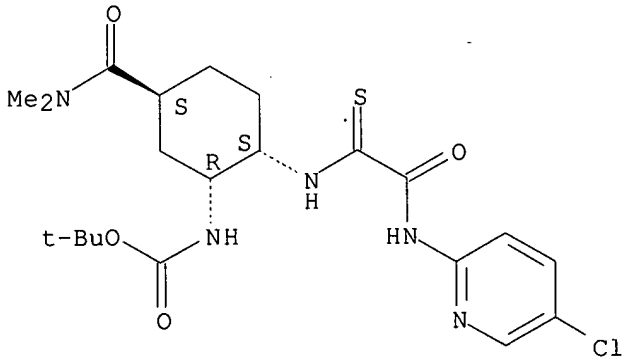
Updated Search

1077334



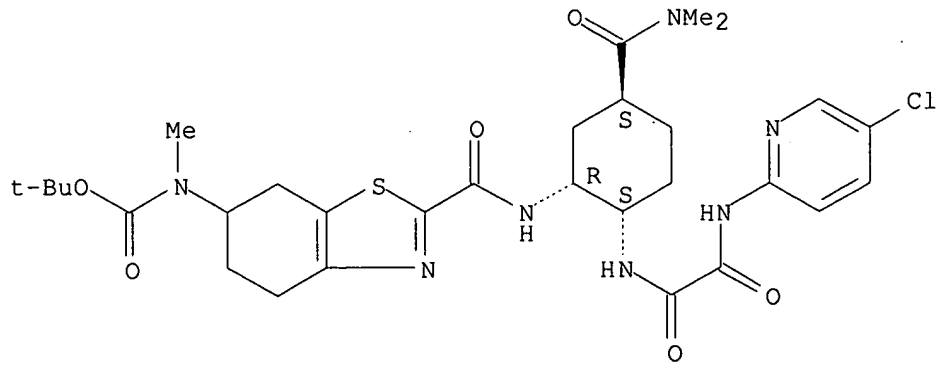
RN 480452-44-6 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-49-1 HCAPLUS
CN Carbamic acid, [2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-4,5,6,7-tetrahydro-6-benzothiazolyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



Updated Search

1077334

REFERENCE COUNT: 64 THERE ARE 64 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:5928 HCAPLUS
DOCUMENT NUMBER: 138:73271
TITLE: Preparation of N,N'-bis(heterocyclic acyl)cycloalkanediamine and heterocyclediamine derivatives as inhibitors of activated blood coagulation factor X (factor Xa)
INVENTOR(S): Ohta, Toshiharu; Komoriya, Satoshi; Yoshino, Toshiharu; Uoto, Kouichi; Nakamoto, Yumi; Naito, Hiroyuki; Mochizuki, Akiyoshi; Nagata, Tsutomu; Kanno, Hideyuki; Haginoya, Noriyasu; Yoshikawa, Kenji; Nagamochi, Masatoshi; Kobayashi, Syozo; Ono, Makoto
PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 788 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003000657	A1	20030103	WO 2002-JP2683	20020320
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005119486	A1	20050602	US 2003-481262	20020320
CA 2451605	A1	20030103	CA 2002-2451605	20020620
WO 2003000680	A1	20030103	WO 2002-JP6141	20020620
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CN 1826333	A	20060830	CN 2002-816040	20020620
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Updated Search

UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
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OTHER SOURCE(S): MARPAT 138:73271

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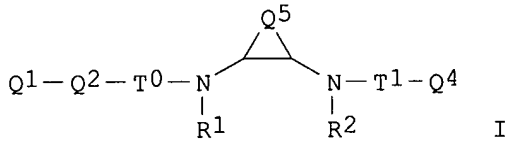

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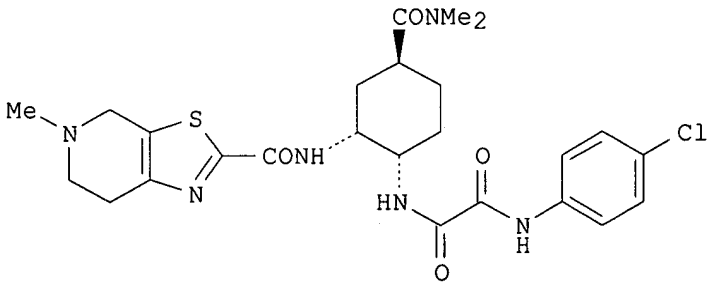

III

AB Diamine compds. represented by the following general formula [I; wherein R1, R2 = H, HO, alkoxy; Q1 = each (un)substituted and (un)saturated 5 or 6-membered cyclic hydrocarbyl, 5 to 7-membered heterocyclyl, or bicyclic or tricyclic fused hydrocarbyl or heterocyclyl; Q2 = a single bond, (un)substituted and (un)saturated bivalent cyclic hydrocarbon, 5 to 7-membered heterocycle, or bicyclic or tricyclic fused hydrocarbon or heterocyclic group; Q5 = C1-8 alkylene, C2-8 alkenylene, (CH2)mCH2-A-CH2(CH2)n (wherein m, n = an integer of 0-3); A = O, N, S, SO, SO2, NH, ONH, NHNH, SNH, SONH, SO2NH; R3 and R4 are groups substituted on C, N, or S in the ring containing Q5 and are selected from H,HO, alkyl, alkenyl, alkynyl, halo, haloalkyl,

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cyano, cyanoalkyl, NH2, aminoalkyl, N-alkylaminoalkyl, N,N-dialkylaminoalkyl, acyl, acylalkyl, (un)substituted acylaminoalkyl, etc.; Q4 = each (un)substituted aryl, arylalkenyl, arylalkynyl, heteroaryl, or heteroarylalkenyl, each (un)saturated and (un)saturated bicyclic or tricyclic fused hydrocarbyl or heterocyclyl; T0 = CO, thiocarbonyl; T1 = CO, SO2, CO-CO, N-(un)substituted CO-NR, C(:S)-CO-NR, CO-C(S)-NR, C(S)-C(:S)-NR (wherein R = H,HO, alkyl, alkoxy), etc.], salts thereof, solvates of the same, or N-oxides of the same are prepared The diamine compds. include N,N'-bis(heterocyclic acyl)-1,2-cyclopropanediamine, -1,2-cyclobutanediamine, 1,2-cyclopentanediamine, -1,2-cyclohexanediamine, 1,2-cycloheptanediamine, -1,2-cyclooctanediamine, -tetrahydro-3,4-furandiamine, -3,4-pyrrolidinediamine, -3,4-piperidinediamine, -tetrahydro-6-oxo-3,4-pyrandiamine, and -tetrahydro-3,4-thiopyrandiamine-1,1-dioxide derivs. These compds. are blood coagulation inhibitors and useful as preventives and/or remedies for thrombus or embolism including brain infarction, cerebral embolism, cardiac infarction, angina, pulmonary infarction, pulmonary embolism, Buerger's disease, deep venous thrombosis, disseminated intravascular coagulation syndrome, thrombosis following artificial flap/joint replacement, thrombosis and re-obstruction following blood flow reconstruction, systemic inflammatory reaction syndrome (SIRS), multiple organ dysfunction syndrome (MODS), thrombosis during external circulation or blood coagulation during blood collection. Thus, 288 mg 2-(4-chloroanilino)-2-oxoacetic acid Et ester was dissolved in 8.0 mL THF, treated with 46 mg LiOH and 1.0 mL H2O, stirred at room temperature for 2 h, concentrated in dryness under reduced pressure to give 292 mg crude 2-(4-chloroanilino)-2-oxoacetic acid lithium salt (II). II and N-[(1R,2S,5S)-2-amino-5-[(dimethylamino)carbonyl]cyclohexyl]-5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridine-2-carboxamide (preparation given) were dissolved in 15 mL DMF and stirred with 164 mg 1-hydroxybenzotriazole hydrate and 251 mg 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride at room temperature for 64.5 h to give a cyclohexanediamine derivative (III). III.HCl showed IC50 of 1.2 nM against human factor Xa.

IT 480448-29-1P 480448-40-6P 480448-41-7P
480448-42-8P 480448-43-9P 480448-44-0P
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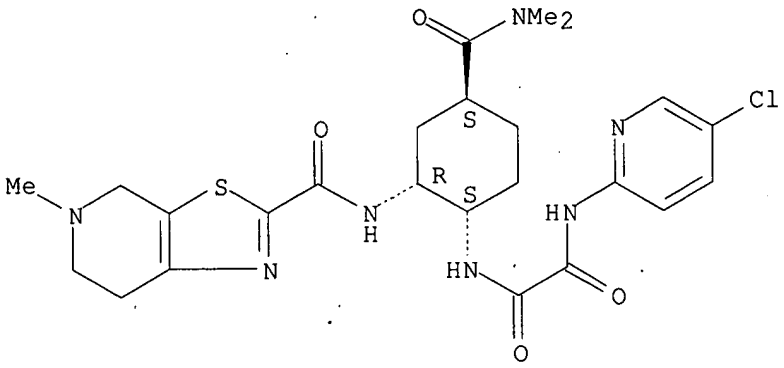
480449-62-5P 480449-63-6P 480449-65-8P
480449-66-9P 480449-67-0P 480449-68-1P
480449-70-5P 480449-71-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N,N'-bis(heterocyclic acyl)cycloalkanediamine and heterocyclediamine derivs. as factor Xa and blood coagulation inhibitors for prevention and treatment of thrombus and embolism)

RN 480448-29-1 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

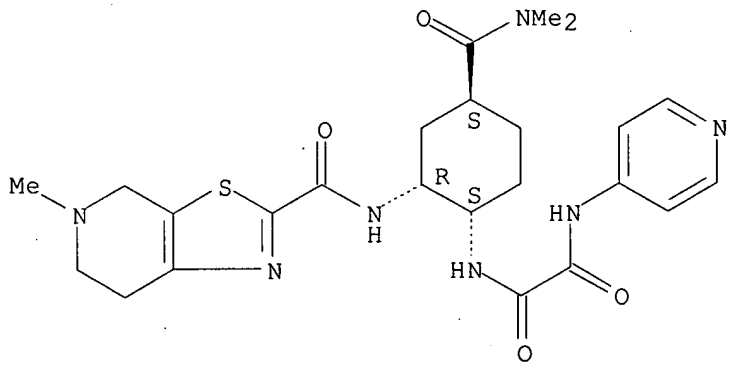
Updated Search



● HCl

RN 480448-40-6 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-4-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 480448-41-7 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

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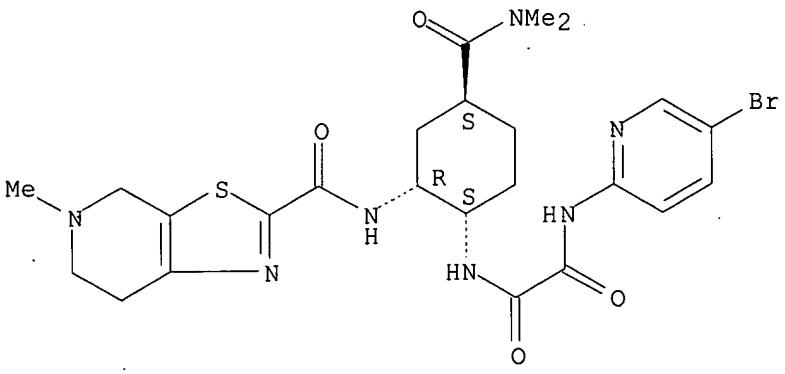
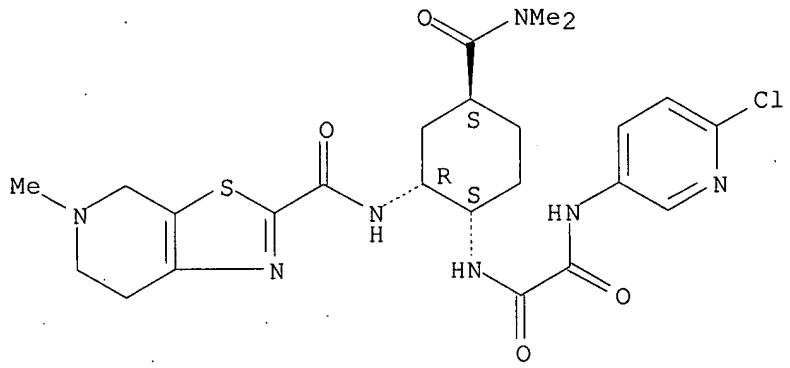


● HCl

RN 480448-42-8 HCAPLUS
CN Ethanediamide, N-(6-chloro-3-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



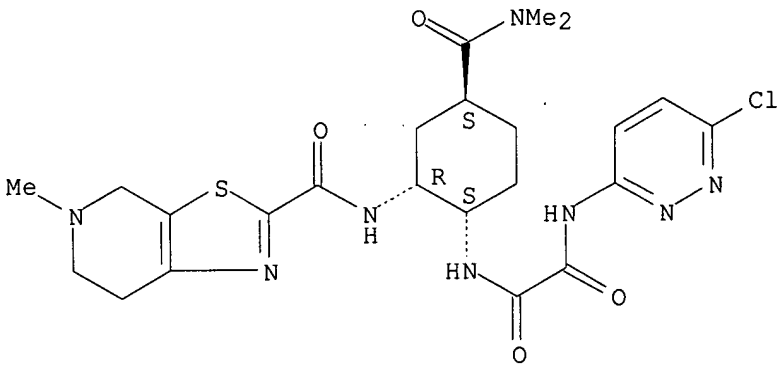
● HCl

RN 480448-43-9 HCAPLUS
CN Ethanediamide, N-(6-chloro-3-pyridazinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

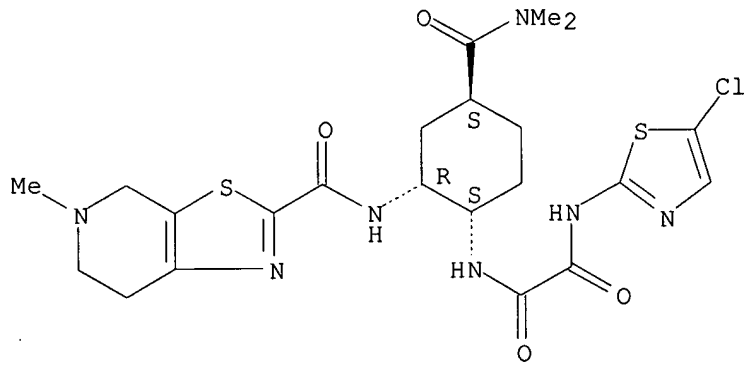
1077334



● HCl

RN 480448-44-0 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thiazolyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



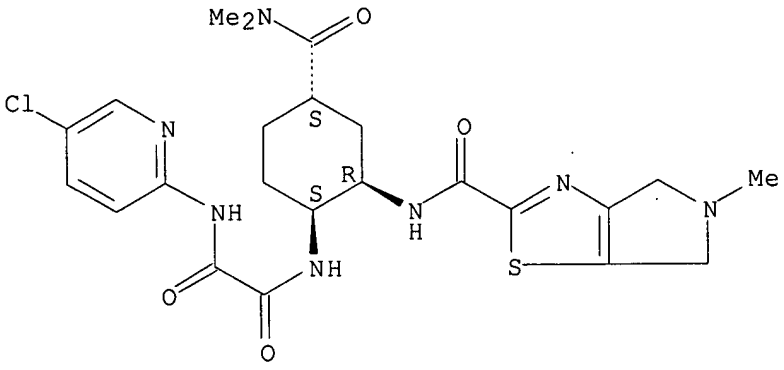
● HCl

RN 480448-45-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

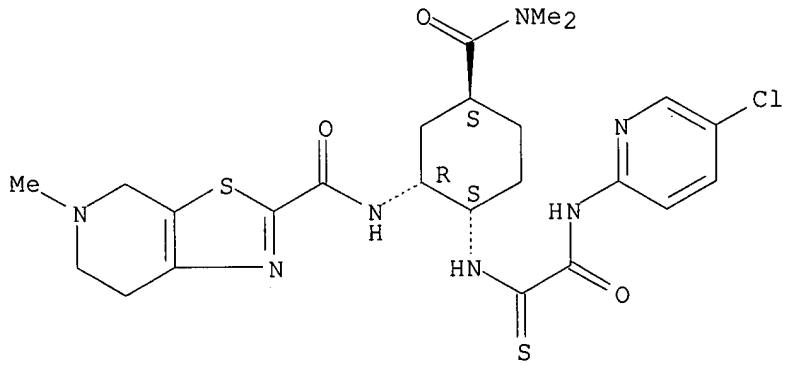
1077334



● HCl

RN 480449-04-5 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

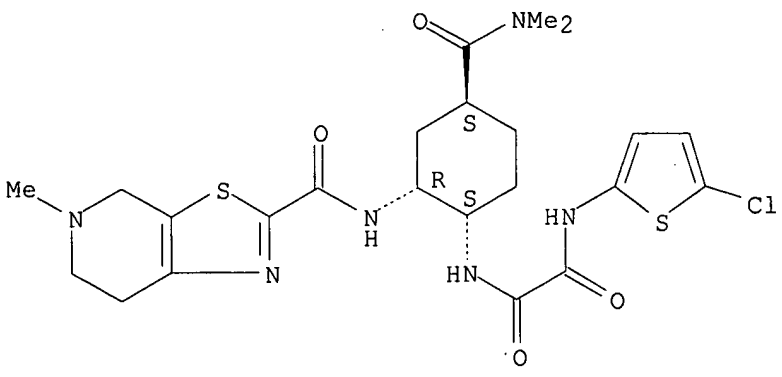


RN 480449-07-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

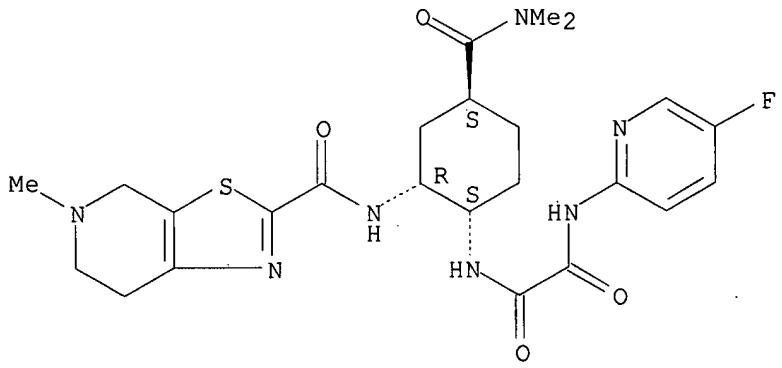
1077334



● HCl

RN 480449-09-0 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-fluoro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



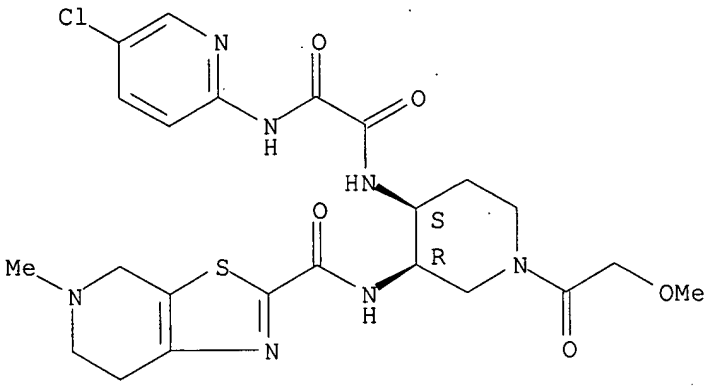
● HCl

RN 480449-18-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

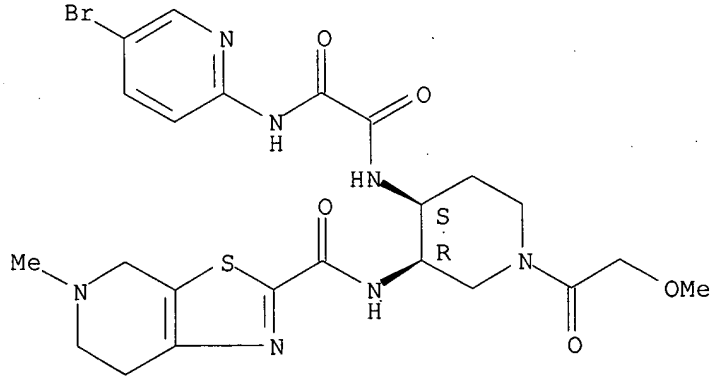
1077334



● HCl

RN 480449-19-2 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



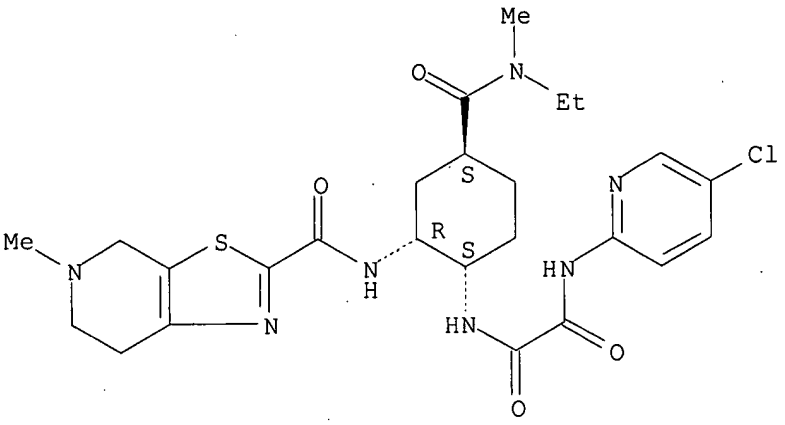
● HCl

RN 480449-22-7 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(ethylmethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

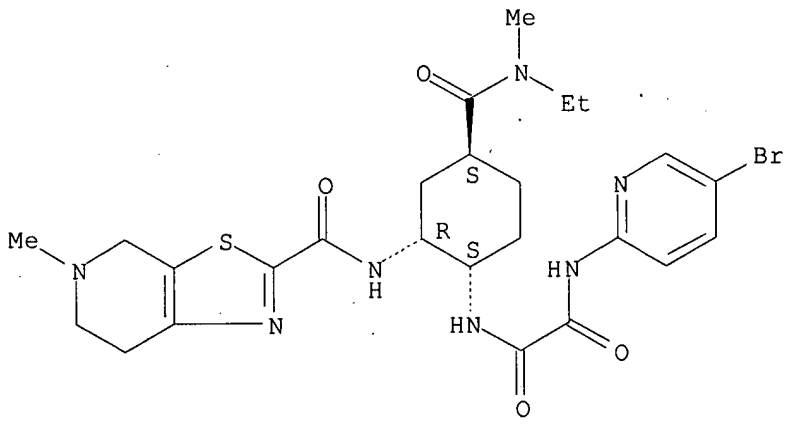
1077334



● HCl

RN 480449-24-9 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(ethylmethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



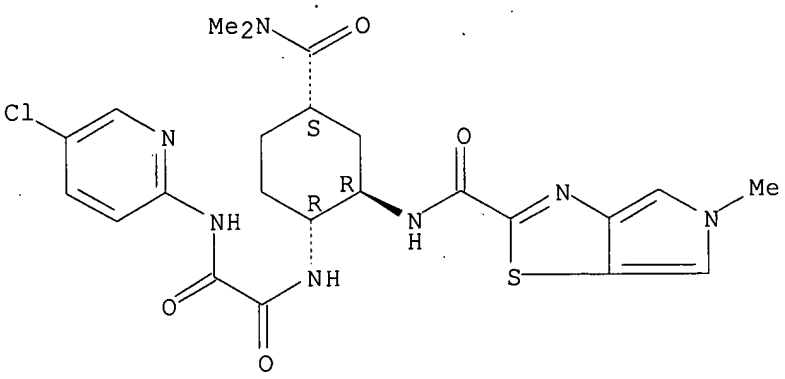
● HCl

RN 480449-27-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(5-methyl-5H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

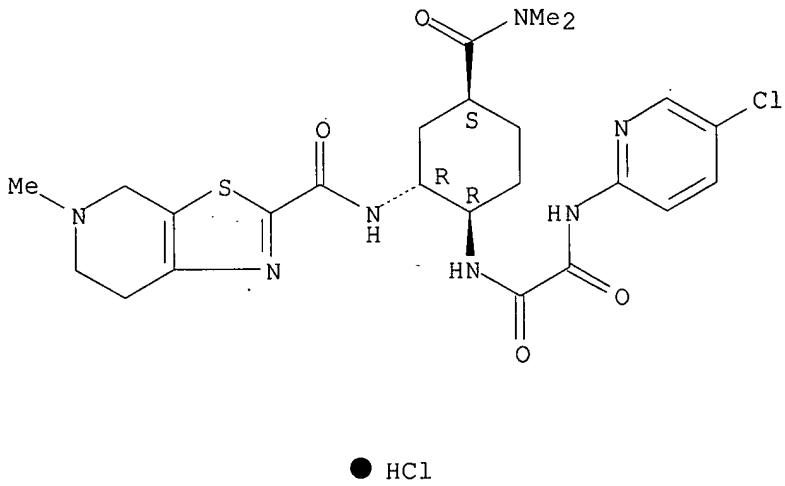
Updated Search

1077334



RN 480449-28-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



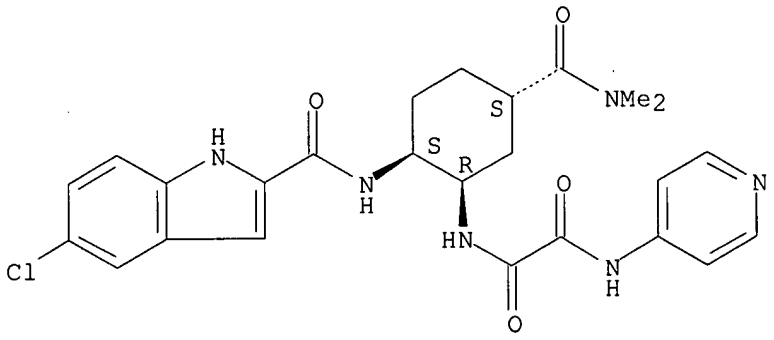
● HCl

RN 480449-30-7 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-4-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

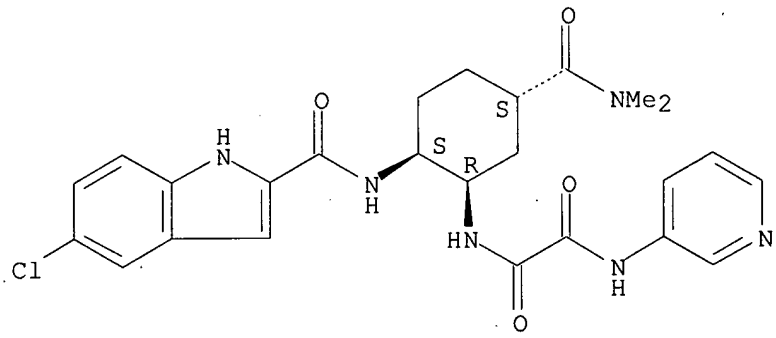
1077334



● HCl

RN 480449-31-8 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-3-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



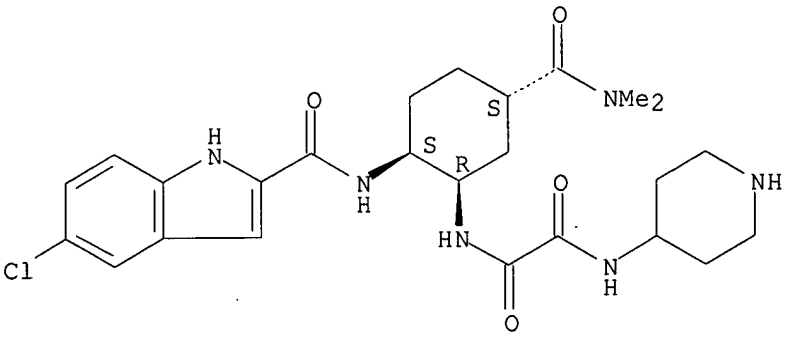
● HCl

RN 480449-32-9 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-4-piperidinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

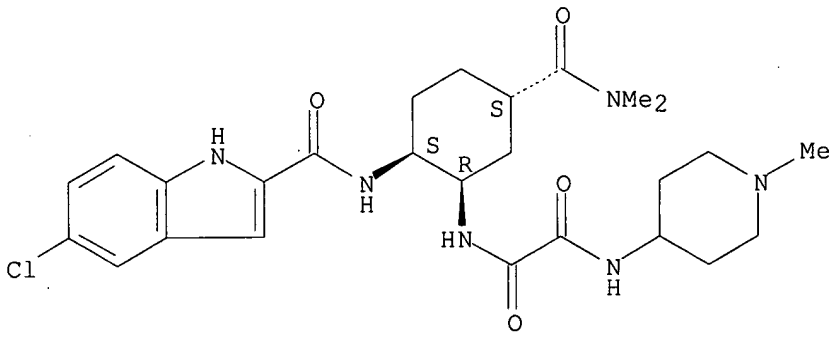
1077334



● HCl

RN 480449-33-0 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-(1-methyl-4-piperidinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

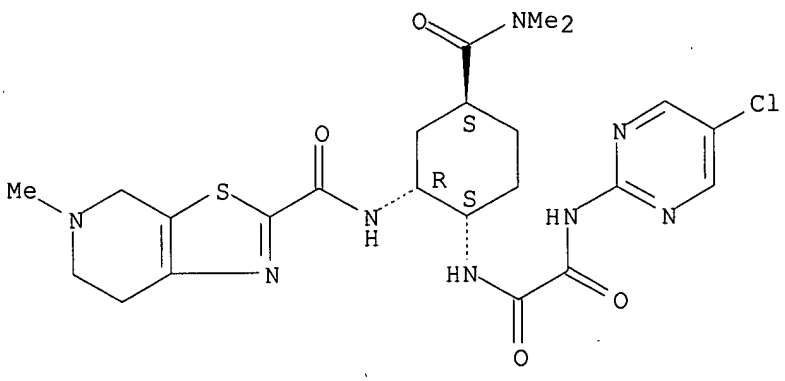


● HCl

RN 480449-35-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyrimidinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

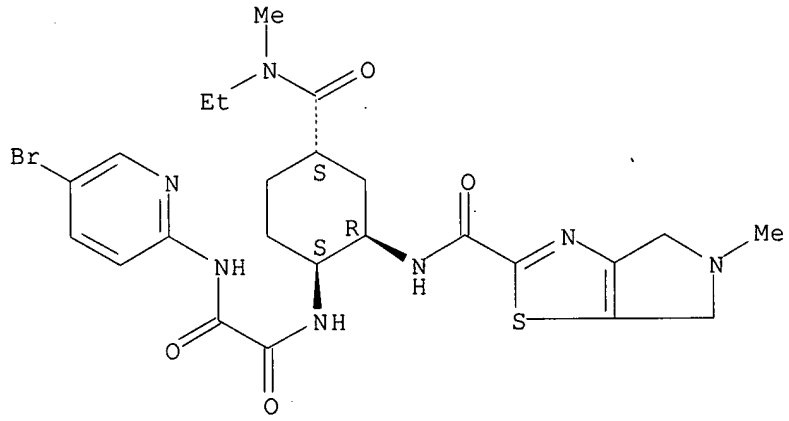
Updated Search



● HCl

RN 480449-37-4 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

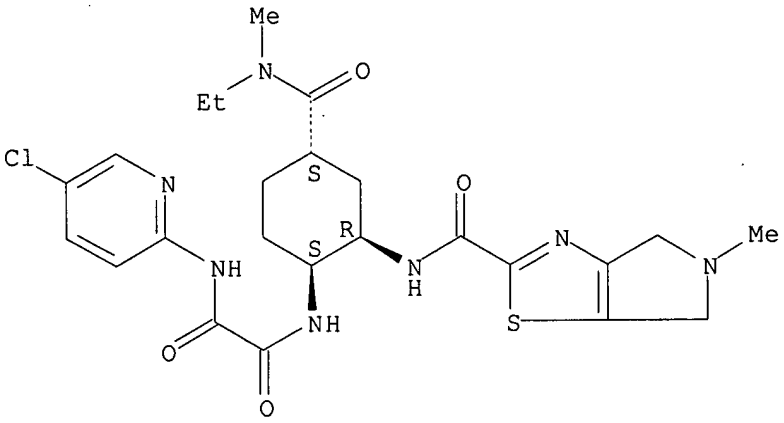


● HCl

RN 480449-38-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

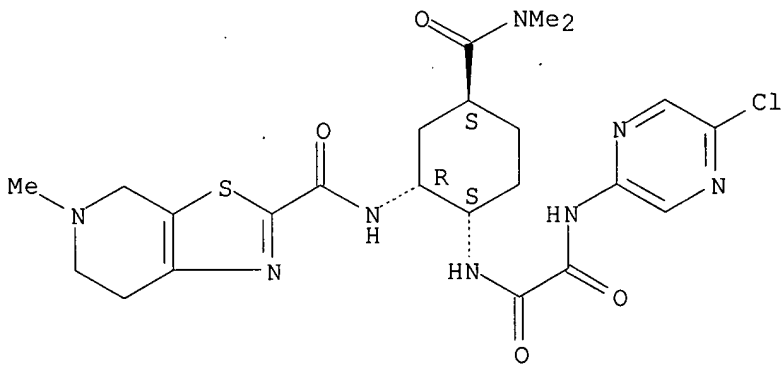
Updated Search



● HCl

RN 480449-43-2 HCAPLUS
CN Ethanediamide, N-(5-chloropyrazinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

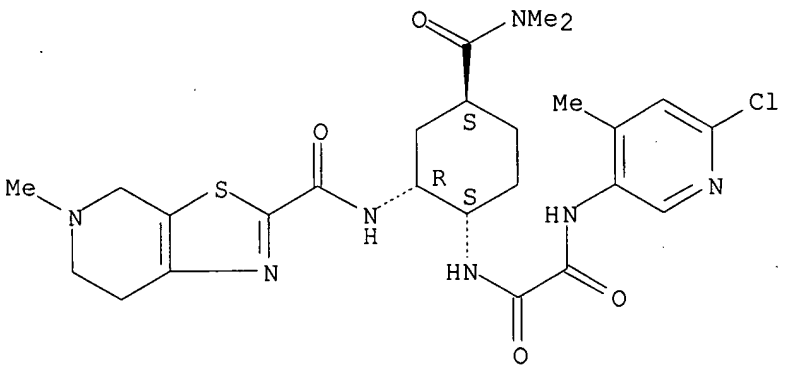


● HCl

RN 480449-49-8 HCAPLUS
CN Ethanediamide, N-(6-chloro-4-methyl-3-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

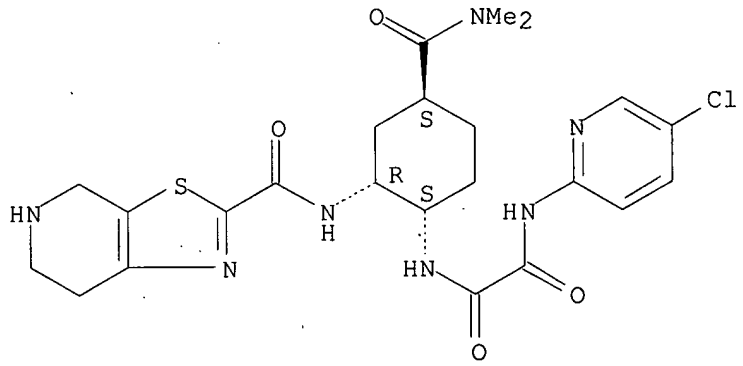
Updated Search



● HCl

RN 480449-52-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 480449-57-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

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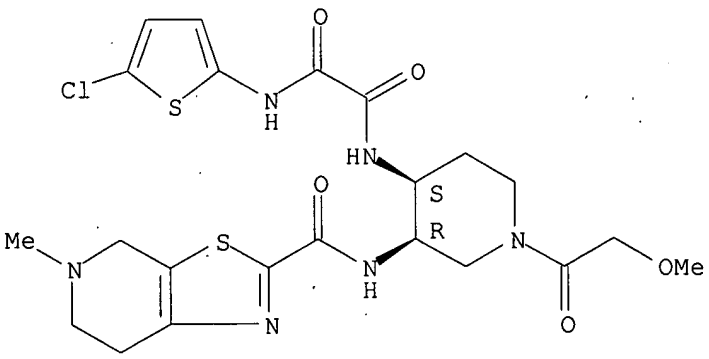
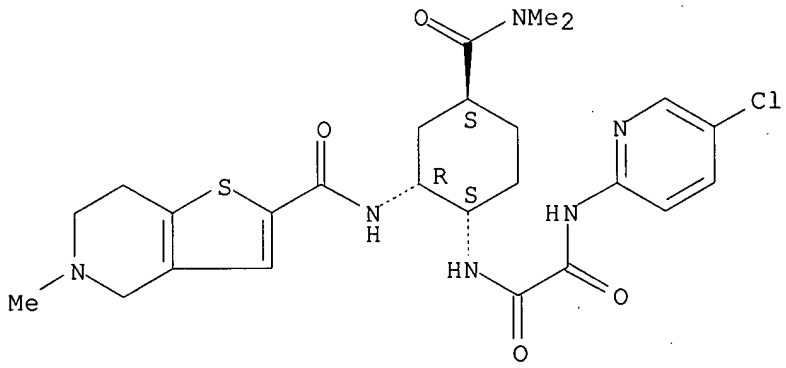


● HCl

RN 480449-62-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthieno[3,2-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

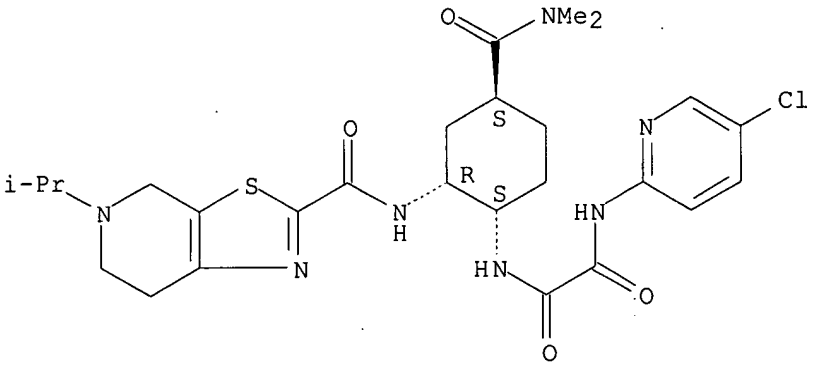


● HCl

RN 480449-63-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-(1-methylethyl)thiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

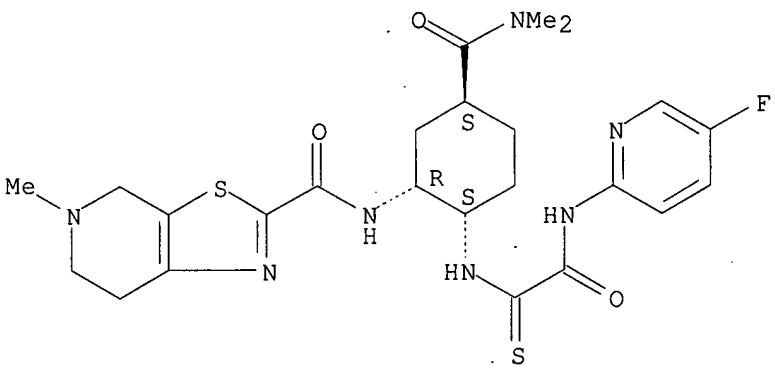
Updated Search



● HCl

RN . 480449-65-8 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



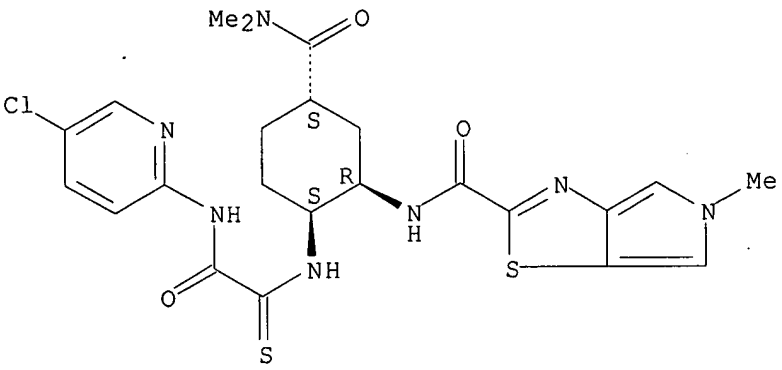
● HCl

RN 480449-66-9 HCAPLUS
CN 5H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

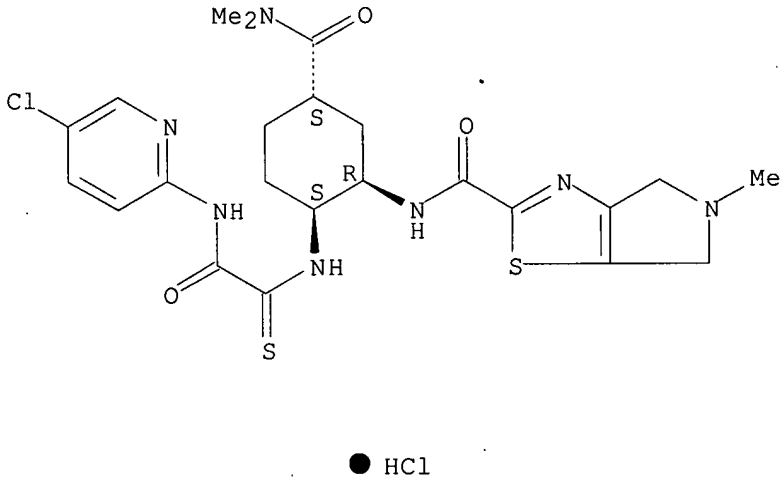
Updated Search

1077334



RN 480449-67-0 HCAPLUS
CN 4H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5,6-dihydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 480449-68-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[6-(dimethylamino)-4,5,6,7-tetrahydro-2-benzothiazolyl]carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

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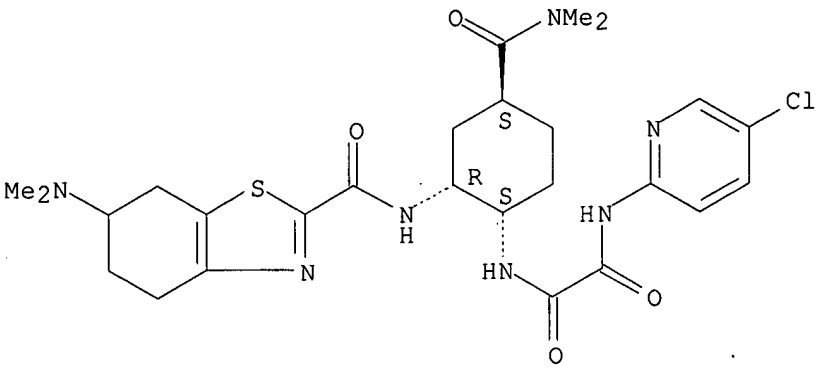
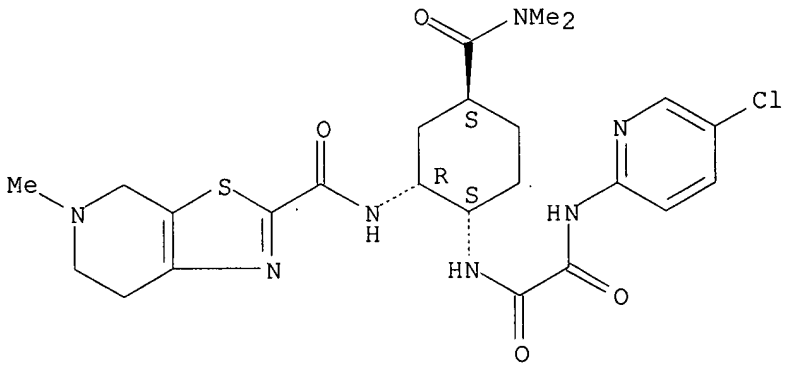


RN 480449-70-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480449-71-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, mono(4-methylbenzenesulfonate) (9CI) (CA INDEX NAME)

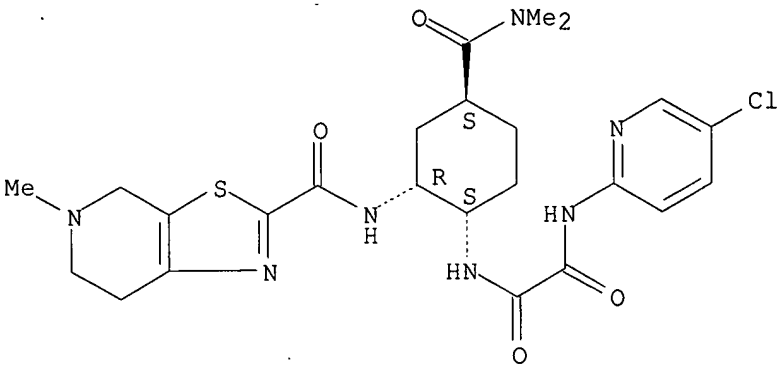
CM 1

CRN 480449-70-5
CMF C24 H30 Cl N7 O4 S

Absolute stereochemistry.

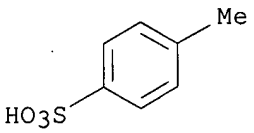
Updated Search

1077334



CM 2

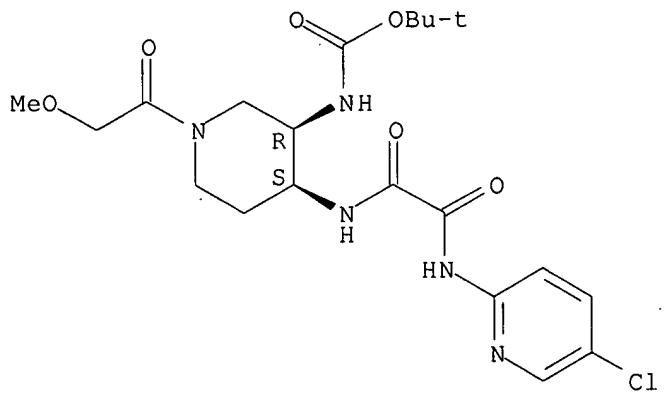
CRN 104-15-4
CMF C7 H8 O3 S



IT 480451-83-0P 480451-85-2P 480451-98-7P
480452-04-8P 480452-32-2P 480452-36-6P
480452-38-8P 480452-43-5P 480452-44-6P
480452-49-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of N,N'-bis(heterocyclic acyl)cycloalkanediamine and heterocyclediamine derivs. as factor Xa and blood coagulation inhibitors for prevention and treatment of thrombus and embolism)

RN 480451-83-0 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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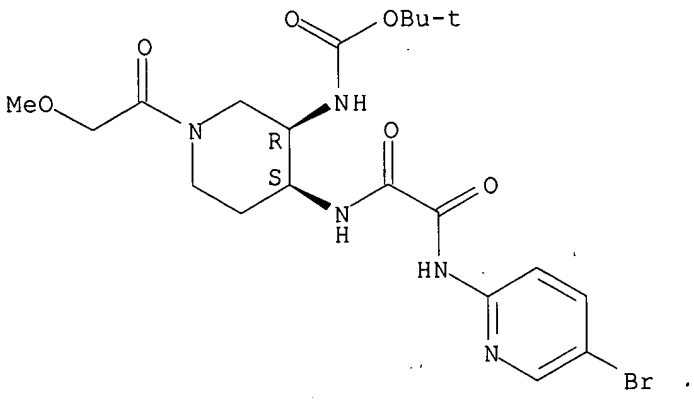
1077334

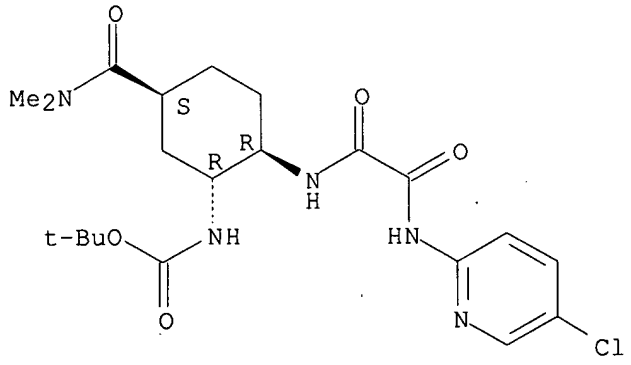
RN 480451-85-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-bromo-2-pyridinyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480451-98-7 HCAPLUS
CN Carbamic acid, [(1R,2R,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

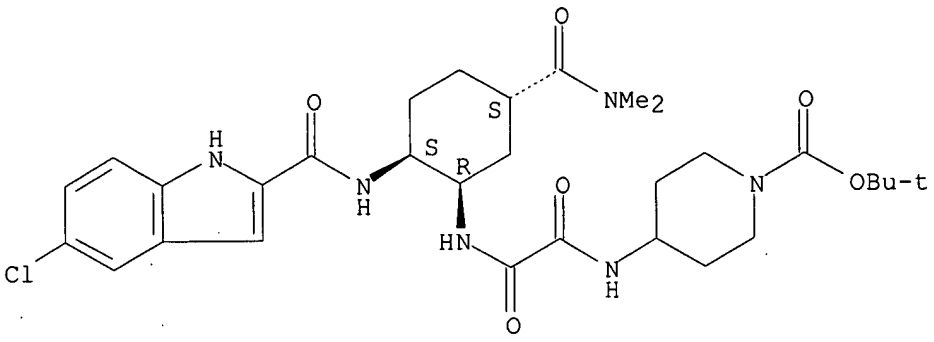
Absolute stereochemistry.



RN 480452-04-8 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]oxoacetyl]amino]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

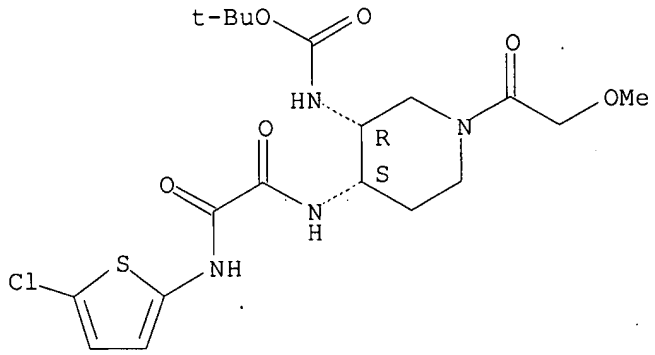
Absolute stereochemistry.

Updated Search



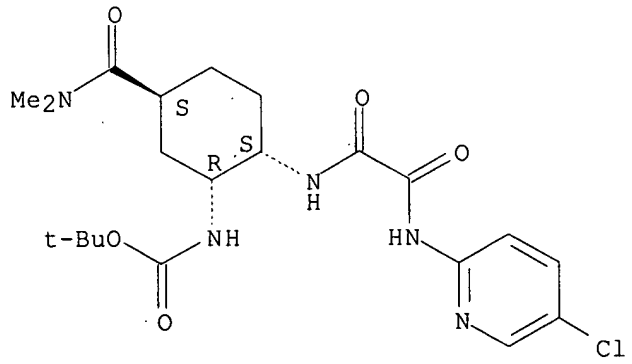
RN 480452-32-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-thienyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-36-6 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-38-8 HCAPLUS

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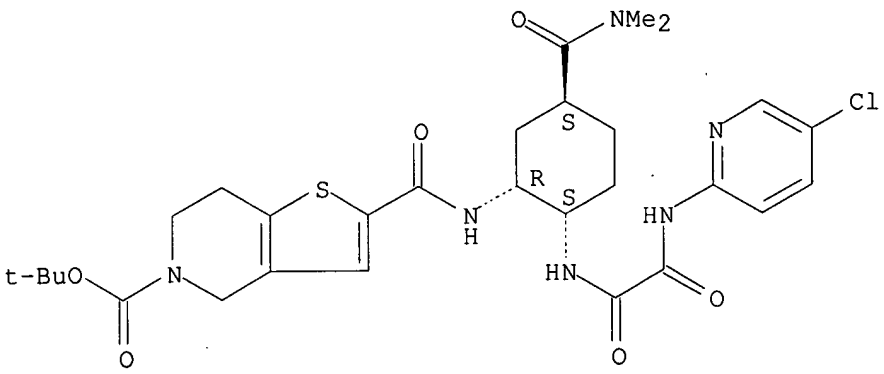
1077334

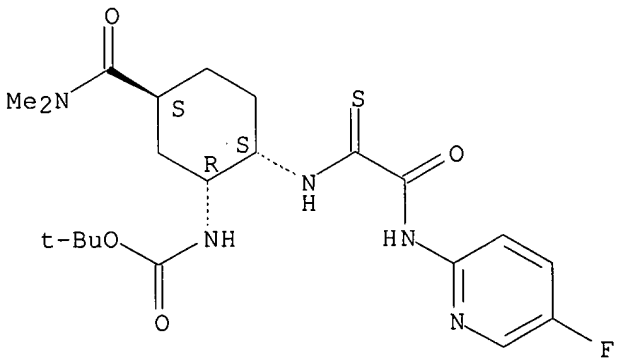
CN Thieno[3,2-c]pyridine-5(4H)-carboxylic acid, 2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-6,7-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480452-43-5 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

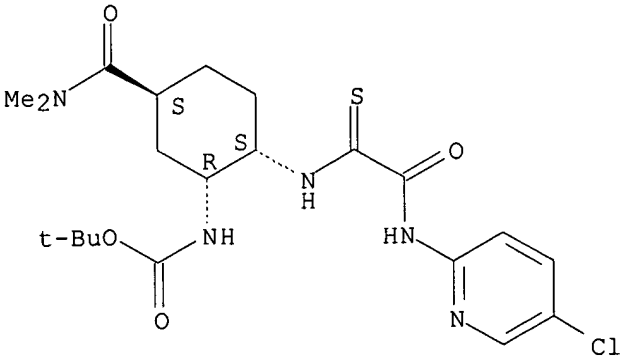


RN 480452-44-6 HCAPLUS
CN Carbamic acid, [(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

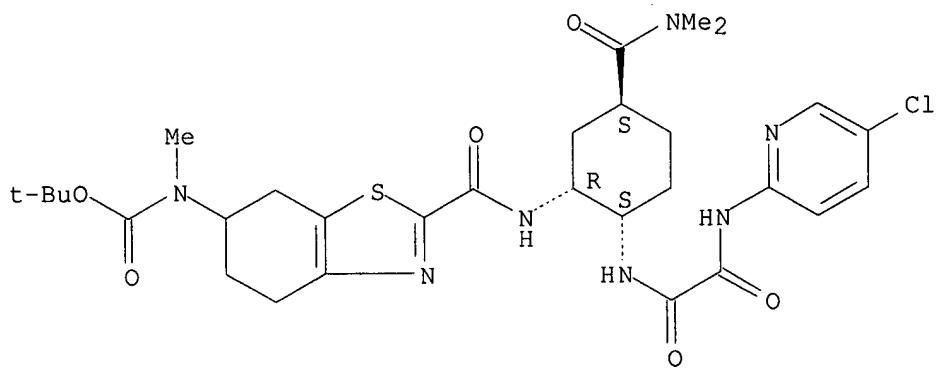
Updated Search

1077334



RN 480452-49-1 HCAPLUS
CN Carbamic acid, [2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-4,5,6,7-tetrahydro-6-benzothiazolyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FILE 'REGISTRY' ENTERED AT 17:17:55 ON 08 FEB 2007

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L2 0 S L1
L3 0 S L1 FULL
L4 STRUCTURE UPLOADED
L5 0 S L4
L6 0 S L4 FULL
L7 STRUCTURE UPLOADED
L8 0 S L7
L9 0 S L7 FULL
L10 STRUCTURE UPLOADED
L11 50 S L10
L12 STRUCTURE UPLOADED

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1077334

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L13          22 S L12
L14         377 S L12 FULL

     FILE 'HCAPLUS' ENTERED AT 17:26:58 ON 08 FEB 2007
L15          12 S L14
L16           5 S L15 AND OHTA, T?/AU

=> s l15 not l16
L17           7 L15 NOT L16

=> s l17 and komoriya, s?/au
            27 KOMORIYA, S?/AU
L18           0 L17 AND KOMORIYA, S?/AU

=> s l17 and yoshino, t?/au
          1810 YOSHINO, T?/AU
L19           1 L17 AND YOSHINO, T?/AU

=> d l19, ibib abs hitstr, 1

L19  ANSWER 1 OF 1  HCAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2003:508525  HCAPLUS
DOCUMENT NUMBER:          139:85363
TITLE:                    Preparation of diamine derivatives as factor Xa
                          inhibitors and anticoagulants, and their use for
                          treatment of diseases
INVENTOR(S):              Ota, Toshiharu; Komoritani, Satoshi; Yoshino,
                          Toshiharu; Uoto, Koichi; Nakamoto, Yumi; Naito,
                          Hiroyuki; Mochizuki, Akiyoshi; Nagata, Tsutomu; Kanno,
                          Hideyuki; Haginoya, Noriyasu; Yoshikawa, Kenji;
                          Nagamochi, Masatoshi; Kobayashi, Shozo
PATENT ASSIGNEE(S):       Daiichi Seiyaku Co., Ltd., Japan
SOURCE:                   Jpn. Kokai Tokkyo Koho, 284 pp.
                          CODEN: JKXXAF
DOCUMENT TYPE:            Patent
LANGUAGE:                 Japanese
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.          DATE
     ---------------      ----   --------    --------------------     --------
     JP 2003183286         A     20030703    JP 2001-398959           20011228
PRIORITY APPLN. INFO.:                       JP 2001-311909      A    20011009
OTHER SOURCE(S):          MARPAT 139:85363
GI
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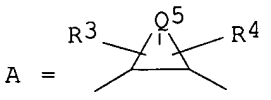

AB The derivs. are Q1Q2T0NR1Q3NR2R1Q4 [Q1 = (substituted) 5- to 6-membered cyclic hydrocarbyl, (substituted) 5- to 7-membered heterocyclyl, etc; Q2 = single bond, (substituted) 5- to 6-membered cyclic hydrocarbylene, etc.; Q3 = A; Q4 = (substituted) aryl, (substituted) arylalkenyl, etc.; Q5 = C1-8 alkylene, C2-8 alkenylene, etc.; T0 = (thio)carbonyl; T1 = carbonyl,

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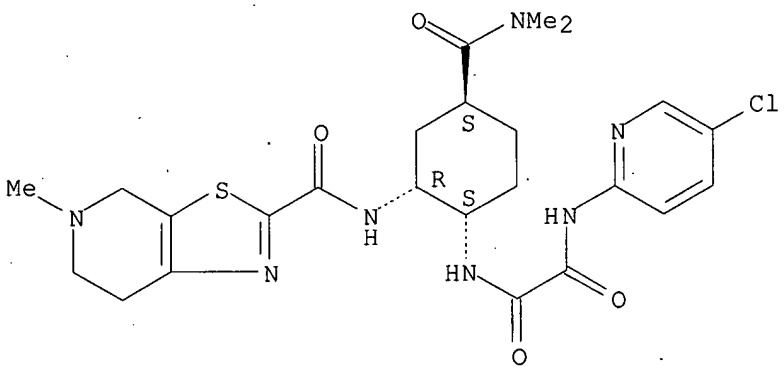
sulfonyl, etc.; R1, R2 = H, OH, alkyl, alkoxy; R3, R4 = H, OH, alkyl, etc.], their salts, solvates, or N-oxides. Thus, (±)-trans-N-[(5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]-1,2-cyclopentanediamine HCl salt was amidated with 5-chloroindole-2-carboxylic acid to give I which inhibited human factor Xa with IC50 86 nM in vitro.

IT 480448-29-1P 480448-40-6P 480448-41-7P
480448-42-8P 480448-43-9P 480448-44-0P
480448-45-1P 480449-04-5P 480449-07-8P
480449-09-0P 480449-18-1P 480449-19-2P
480449-22-7P 480449-24-9P 480449-27-2P
480449-28-3P 480449-30-7P 480449-31-8P
480449-32-9P 480449-33-0P 480449-35-2P
480449-37-4P 480449-38-5P 480449-43-2P
480449-49-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of diamine derivs. as factor Xa inhibitors for anticoagulants)

RN 480448-29-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

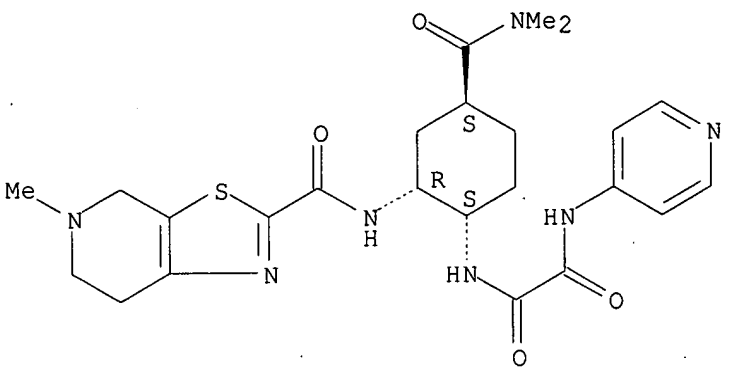


● HCl

RN 480448-40-6 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-4-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

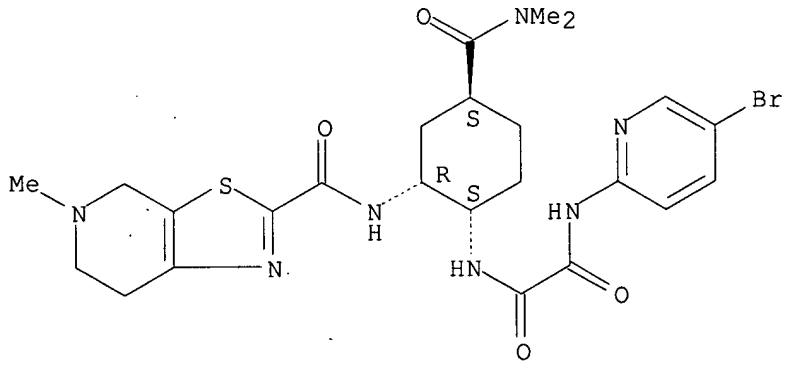
Updated Search



● HCl

RN 480448-41-7 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

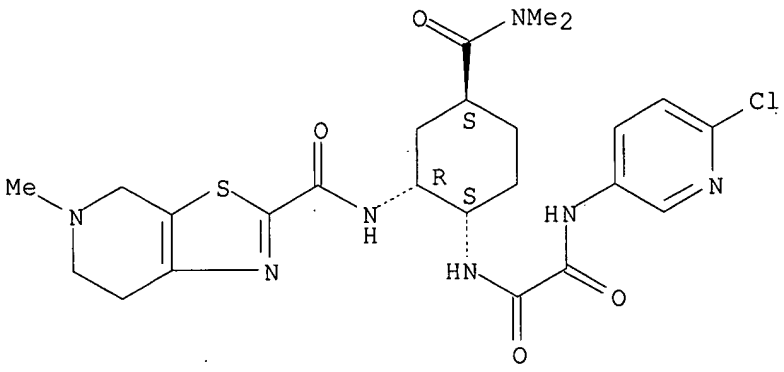


● HCl

RN 480448-42-8 HCAPLUS
CN Ethanediamide, N-(6-chloro-3-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

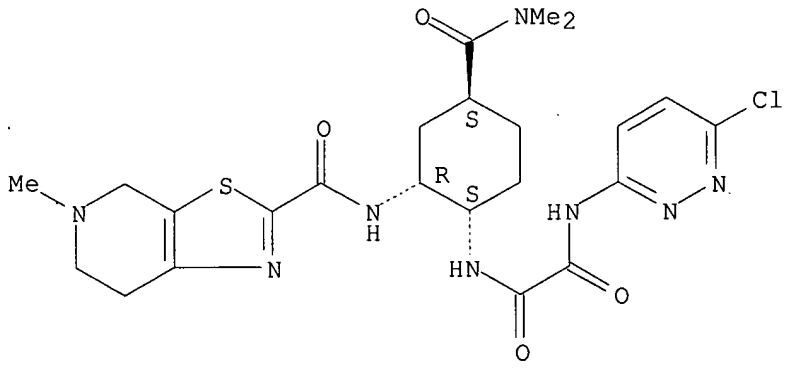
Updated Search



● HCl

RN 480448-43-9 HCAPLUS
CN Ethanediamide, N-(6-chloro-3-pyridazinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

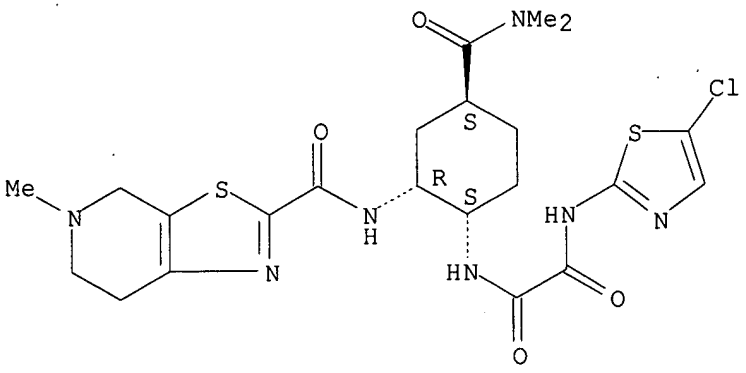


● HCl

RN 480448-44-0 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thiazolyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

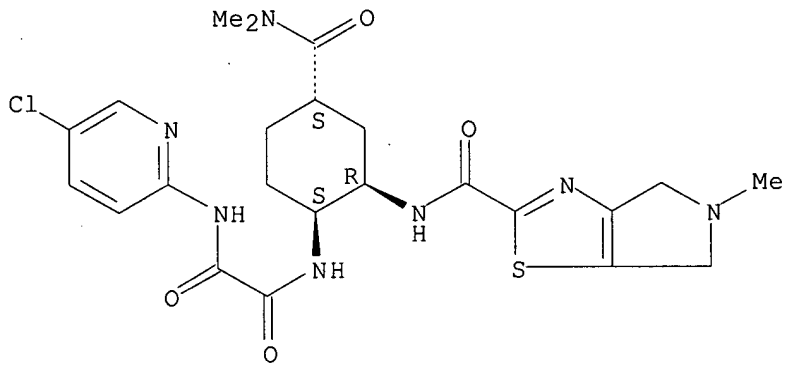
Updated Search



● HCl

RN 480448-45-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



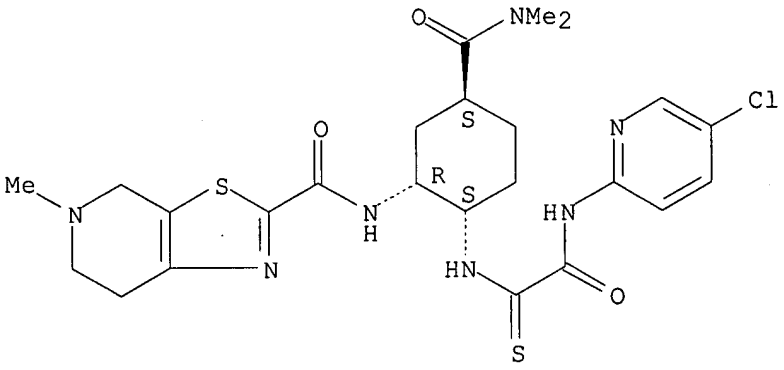
● HCl

RN 480449-04-5 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

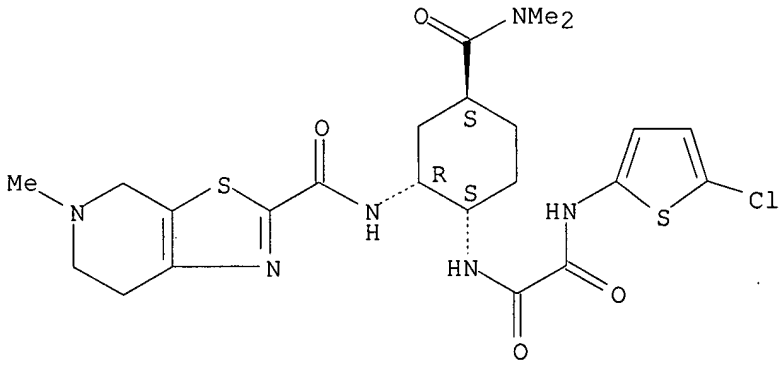
Updated Search

1077334



RN 480449-07-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

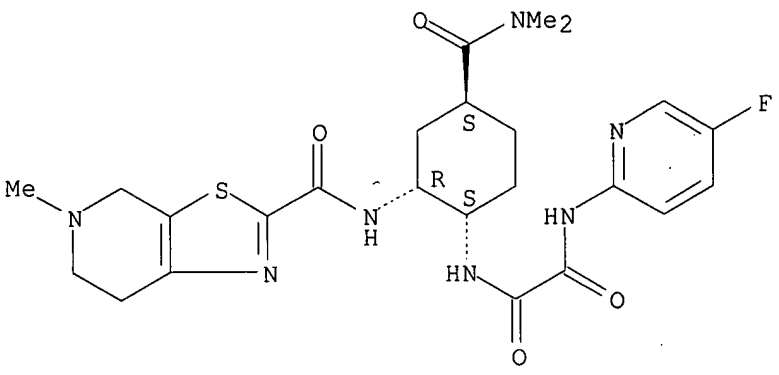


● HCl

RN 480449-09-0 HCAPLUS
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-fluoro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

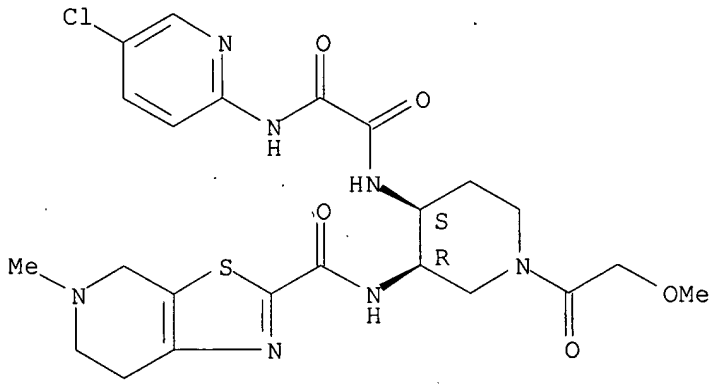
Updated Search



● HCl

RN 480449-18-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



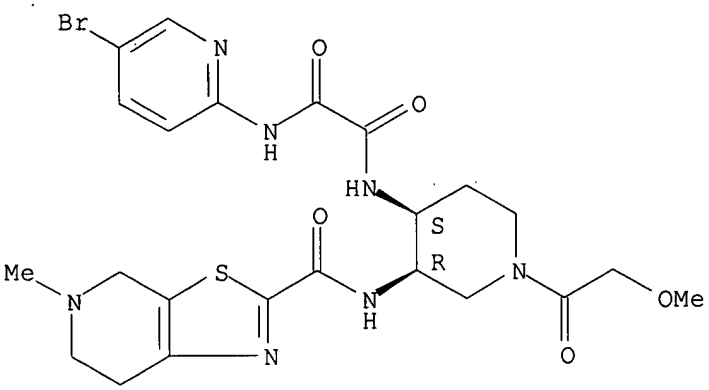
● HCl

RN 480449-19-2 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

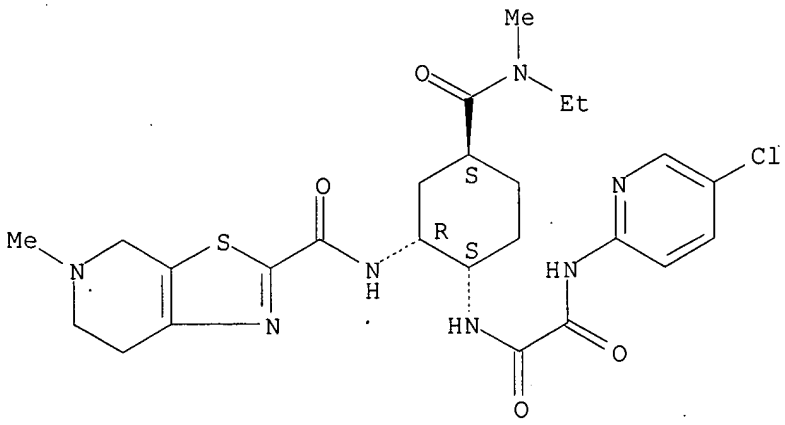
1077334



● HCl

RN 480449-22-7 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(ethylmethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

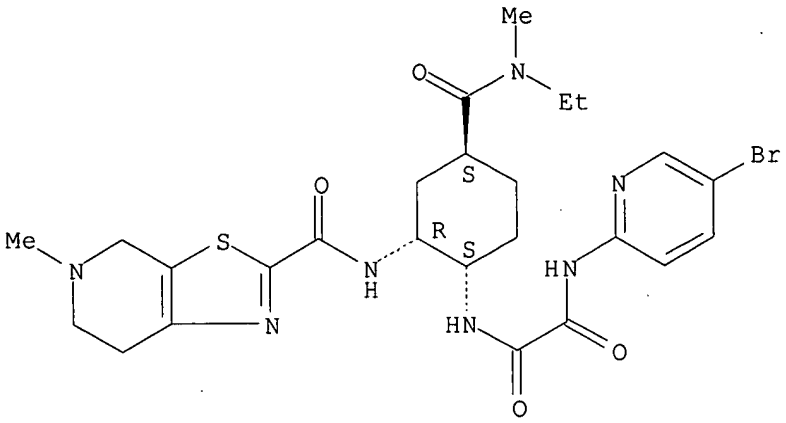


● HCl

RN 480449-24-9 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(ethylmethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

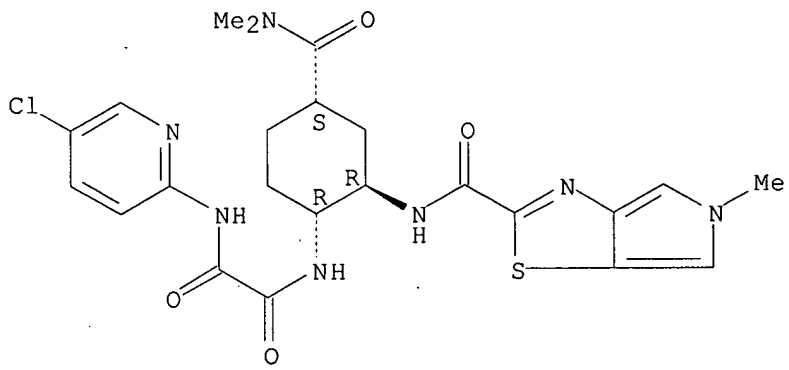
Updated Search



● HCl

RN 480449-27-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(5-methyl-5H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

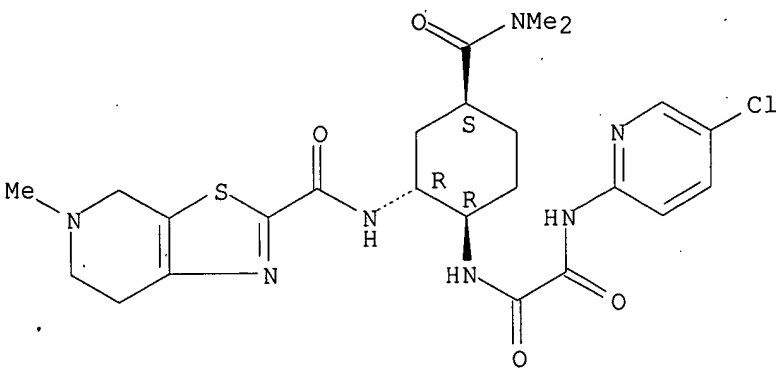
Absolute stereochemistry.



RN 480449-28-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

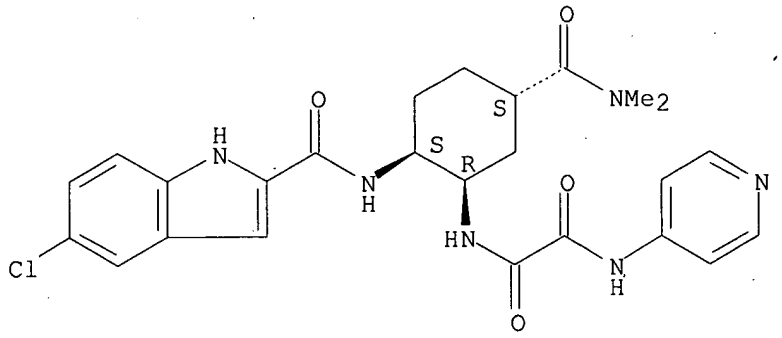
Updated Search



● HCl

RN 480449-30-7 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-4-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



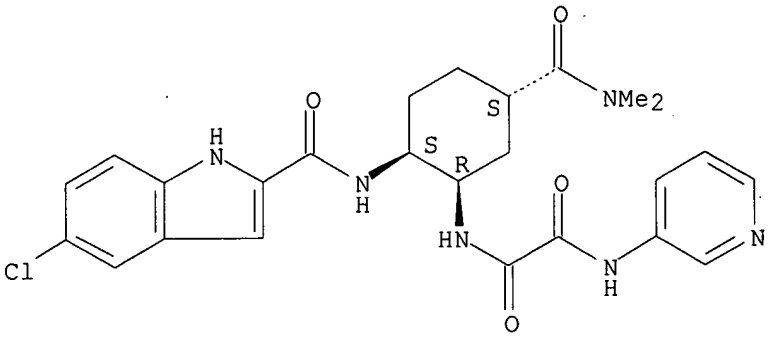
● HCl

RN 480449-31-8 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-3-pyridinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

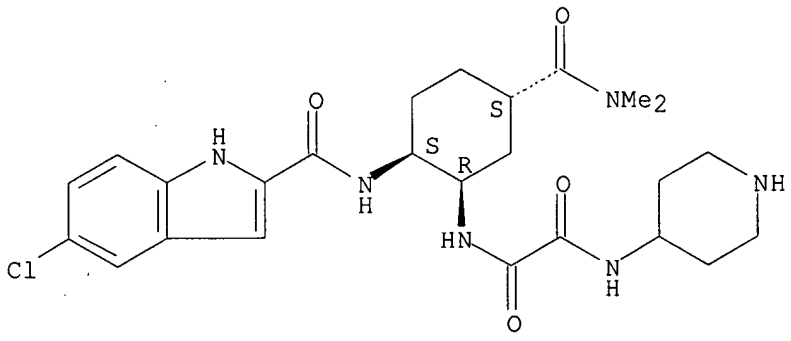
1077334



● HCl

RN 480449-32-9 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-4-piperidinyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

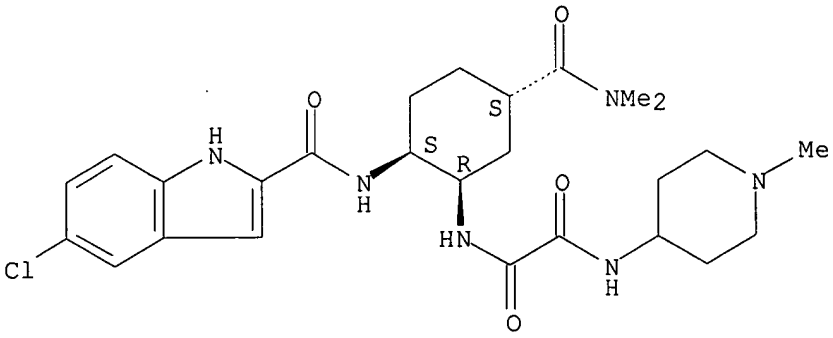


● HCl

RN 480449-33-0 HCAPLUS
CN Ethanediamide, N-[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-N'-(1-methyl-4-piperidinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

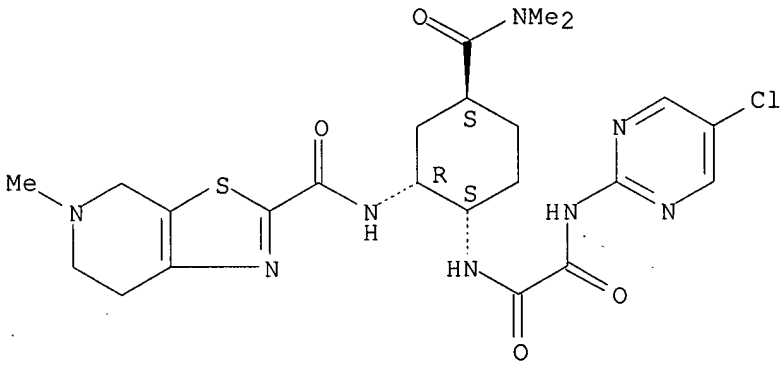
Updated Search



● HCl

RN 480449-35-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyrimidinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

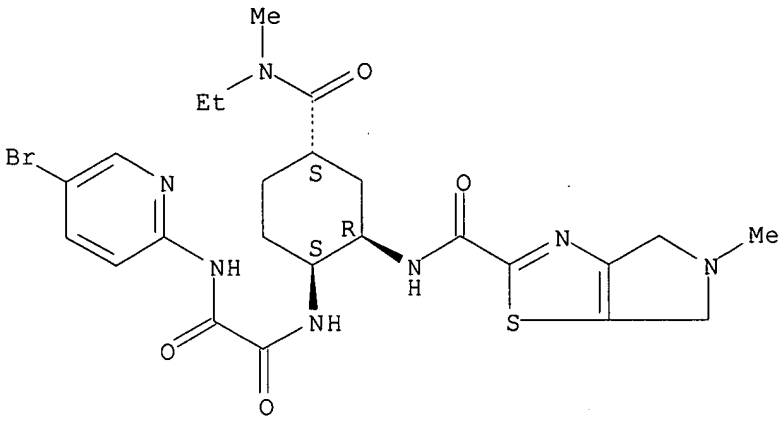


● HCl

RN 480449-37-4 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

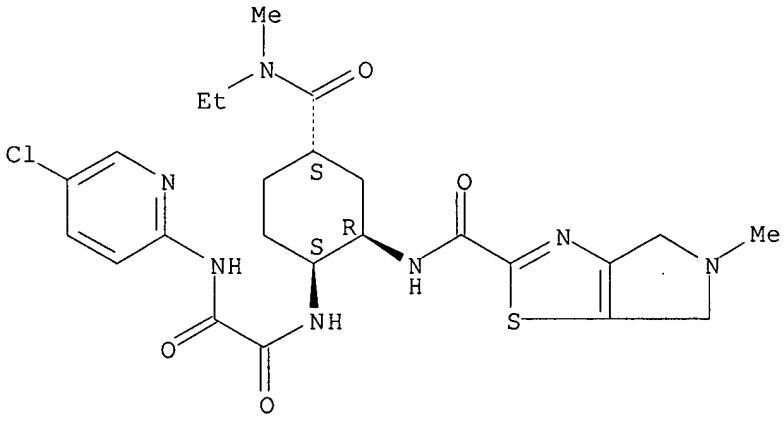
Updated Search



● HCl

RN 480449-38-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

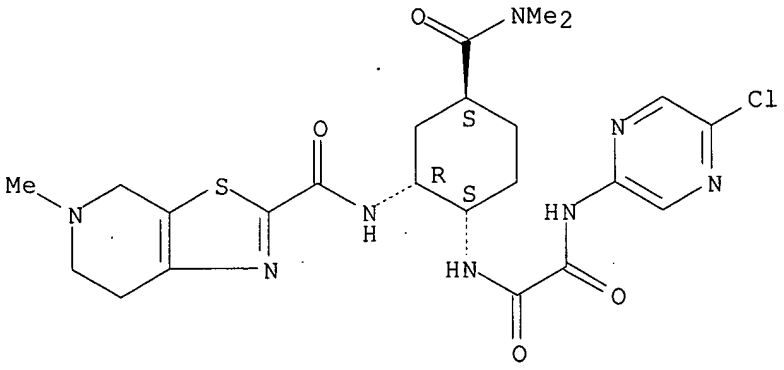


● HCl

RN 480449-43-2 HCAPLUS
CN Ethanediamide, N-(5-chloropyrazinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

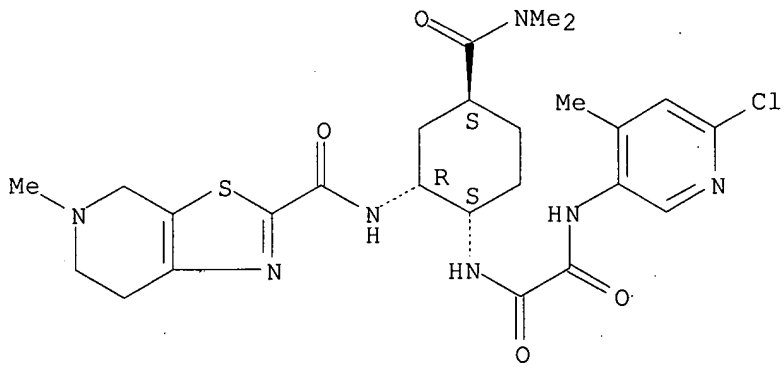
Updated Search



● HCl

RN 480449-49-8 HCAPLUS
CN Ethanediamide, N-(6-chloro-4-methyl-3-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

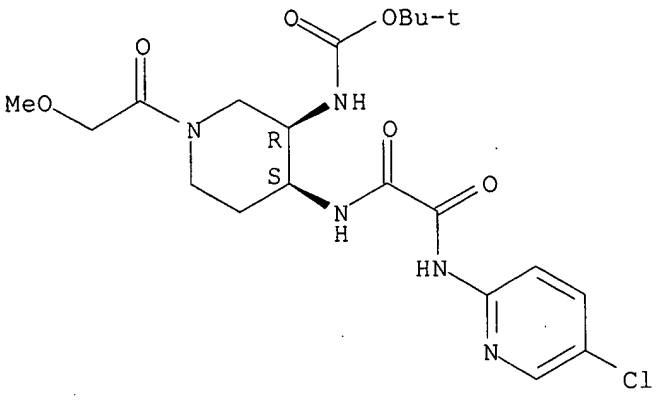


● HCl

IT 480451-83-0P 480451-85-2P 480451-98-7P
552849-79-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of diamine derivs. as factor Xa inhibitors for anticoagulants)
RN 480451-83-0 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

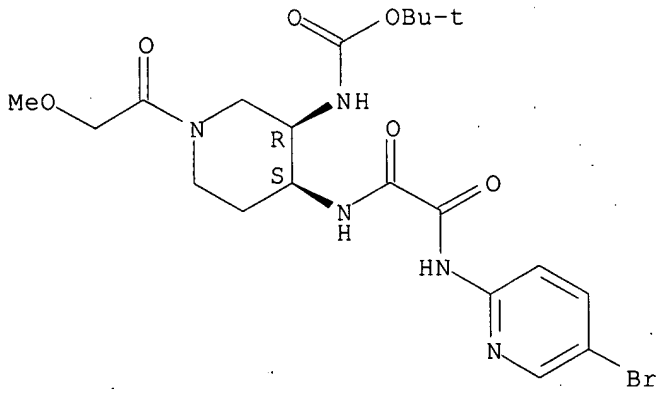
Absolute stereochemistry.

Updated Search



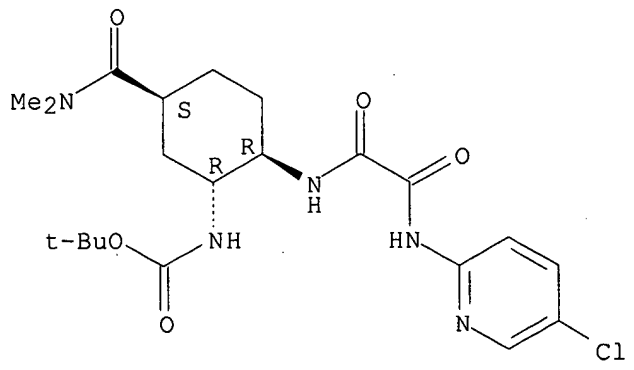
RN 480451-85-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-bromo-2-pyridinyl)amino]oxoacetyl]amino]-1-(methoxyacetyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480451-98-7 HCAPLUS
CN Carbamic acid, [(1R,2R,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

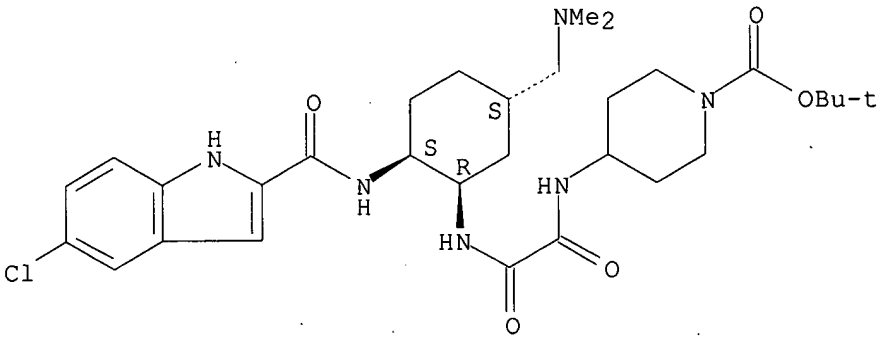


Updated Search

1077334

RN 552849-79-3 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[[(1R,2S,5S)-2-[[(5-chloro-1H-indol-2-yl)carbonyl]amino]-5-[(dimethylamino)methyl]cyclohexyl]amino]oxoacetyl]amino]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d his

(FILE 'HOME' ENTERED AT 17:17:48 ON 08 FEB 2007)

FILE 'REGISTRY' ENTERED AT 17:17:55 ON 08 FEB 2007

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L2            0 S L1
L3            0 S L1 FULL
L4              STRUCTURE UPLOADED
L5            0 S L4
L6            0 S L4 FULL
L7              STRUCTURE UPLOADED
L8            0 S L7
L9            0 S L7 FULL
L10             STRUCTURE UPLOADED
L11          50 S L10
L12             STRUCTURE UPLOADED
L13          22 S L12
L14         377 S L12 FULL
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FILE 'HCAPLUS' ENTERED AT 17:26:58 ON 08 FEB 2007

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L15          12 S L14
L16           5 S L15 AND OHTA, T?/AU
L17           7 S L15 NOT L16
L18           0 S L17 AND KOMORIYA, S?/AU
L19           1 S L17 AND YOSHINO, T?/AU

=> s l17 not l19
L20           6 L17 NOT L19

=> s l20 and uoto, k?/au
            57 UOTO, K?/AU
L21           0 L20 AND UOTO, K?/AU

=> s l20 and nakamoto, y?/au
           494 NAKAMOTO, Y?/AU
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Updated Search

1077334

L22 0 L20 AND NAKAMOTO, Y?/AU

=> s l20 and naito, h?/au
1756 NAITO, H?/AU
L23 0 L20 AND NAITO, H?/AU

=> s l20 and mochizuki, a?/au
879 MOCHIZUKI, A?/AU
L24 1 L20 AND MOCHIZUKI, A?/AU

=> d l24, ibib abs hitstr, 1

L24 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:1066699 HCAPLUS
DOCUMENT NUMBER: 145:419128
TITLE: Preparation of triamine derivatives containing heterocyclyl moieties as FXa inhibitors
INVENTOR(S): Mochizuki, Akiyoshi; Nagata, Tsutomu
PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 232pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006106963	A1	20061012	WO 2006-JP306930	20060331

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: JP 2005-100335 A 20050331
OTHER SOURCE(S): MARPAT 145:419128
GI For diagram(s), see printed CA Issue.
AB The title compds. I [A1 is (CH2)m; A2 is (CH2)n; each of R1 and R2 independently is a hydrogen atom, hydroxyl, an alkyl or an alkoxy; Q1 is an optionally substituted saturated or unsatd. bicyclic or tricyclic condensed hydrocarbon group or an optionally substituted saturated or unsatd. bicyclic or tricyclic condensed heterocyclic group, etc.; Q2 is a single bond, a linear or branched C1-C6 alkylene, a linear or branched C2-C6 alkenylene, etc.; each of R3 and R4 is H, an alkyl, an alkenyl, etc.; each of m and n is a number of 0 to 3; Q4 is an (un)substituted aryl, (un)substituted arylalkenyl, (un)substituted arylalkynyl, etc.; T0 is carbonyl or thiocarbonyl; T1 is carbonyl, sulfonyl, etc.] are prepared Thus, N1-(5-chloropyridin-2-yl)-N2-((3R,4S)-1-methyl-3-([(5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino)piperidin-4-yl)ethanediamide hydrochloride was prepared in a multistep process from (4R)-4-formyl-2,2-dimethyl-1,3-oxazolidine-3-carboxylic acid tert-Bu ester and (carboethoxymethylene)triphenylphosphorane. In a test for the

Updated Search

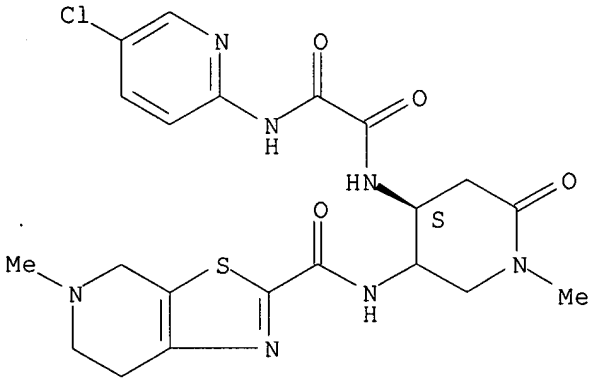
inhibition of human blood-coagulation factor Xa, compds. of this invention showed IC50 values of 0.9 nM to 3 nM.

IT 912481-47-1P
RL: CPS (Chemical process); PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
(preparation of triamine derivs. containing heterocyclyl moieties as FXa inhibitors)

RN 912481-47-1 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(4S)-1-methyl-2-oxo-5-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

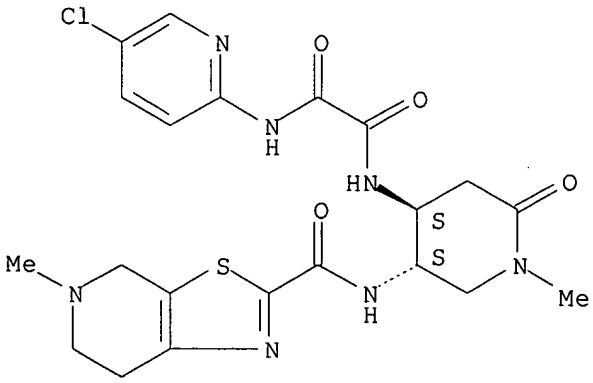


IT 912481-48-2P 912481-49-3P
RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of triamine derivs. containing heterocyclyl moieties as FXa inhibitors)

RN 912481-48-2 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(4S,5S)-1-methyl-2-oxo-5-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



Updated Search

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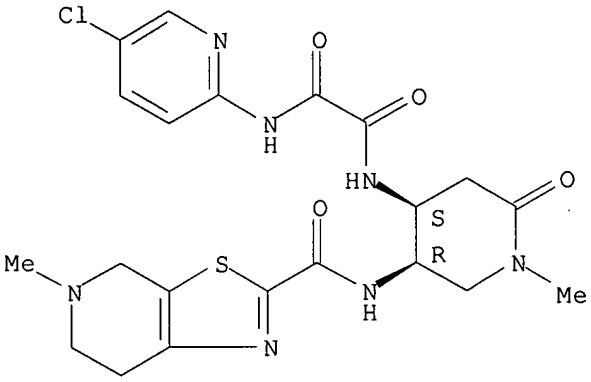
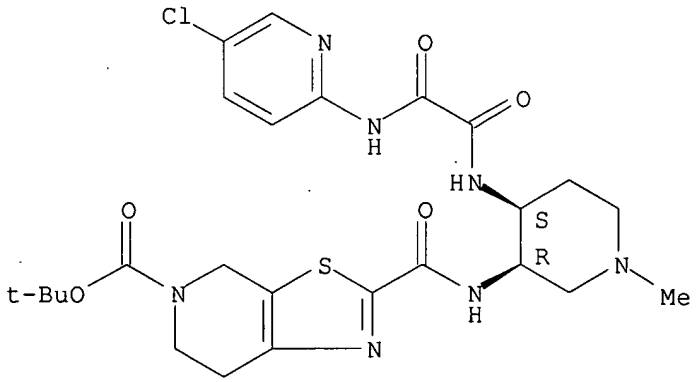
RN 912481-49-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(4S,5R)-1-methyl-2-oxo-5-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 912481-44-8P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of triamine derivs. containing heterocyclyl moieties as FXa inhibitors)
RN 912481-44-8 HCAPLUS
CN Thiazolo[5,4-c]pyridine-5(4H)-carboxylic acid, 2-[[[(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-methyl-3-piperidinyl]amino]carbonyl]-6,7-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



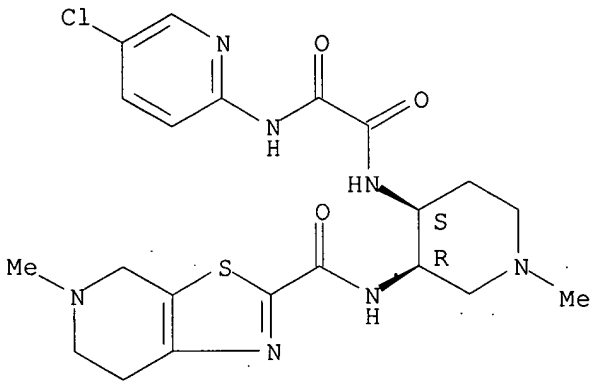
IT 912480-94-5P 912480-95-6P 912480-96-7P
912480-97-8P 912480-98-9P 912480-99-0P
912481-00-6P 912481-01-7P 912481-02-8P
912481-03-9P 912481-04-0P 912481-05-1P
912481-06-2P 912481-07-3P 912481-08-4P
912481-09-5P 912481-10-8P 912481-11-9P
912481-12-0P 912481-13-1P 912481-14-2P

Updated Search

912481-15-3P 912481-16-4P 912481-17-5P
912481-18-6P 912481-19-7P 912481-20-0P
912481-25-5P 912481-26-6P 912481-27-7P
912481-31-3P 912481-32-4P 912481-33-5P
912481-34-6P 912481-35-7P 912481-38-0P
912481-39-1P 912481-40-4P 912481-41-5P
912481-42-6P 912481-43-7P 912481-45-9P
912481-46-0P 912537-36-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of triamine derivs. containing heterocyclyl moieties as FXa inhibitors)

RN 912480-94-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-methyl-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

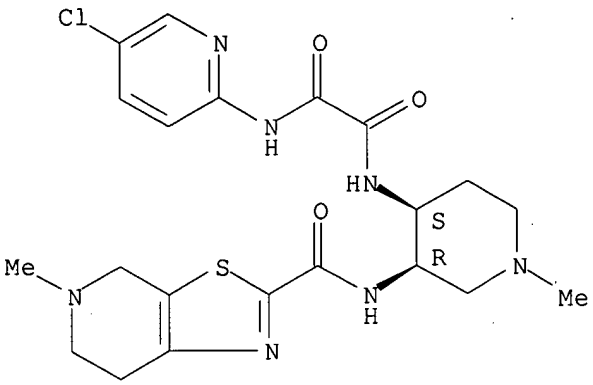


● HCl

RN 912480-95-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-methyl-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]- (9CI) (CA INDEX NAME)

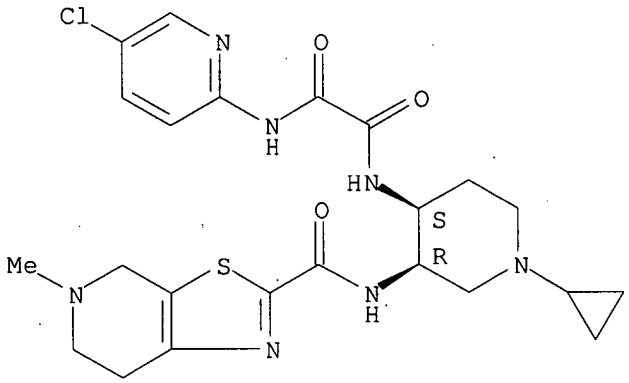
Absolute stereochemistry.

1077334



RN 912480-96-7 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-cyclopropyl-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



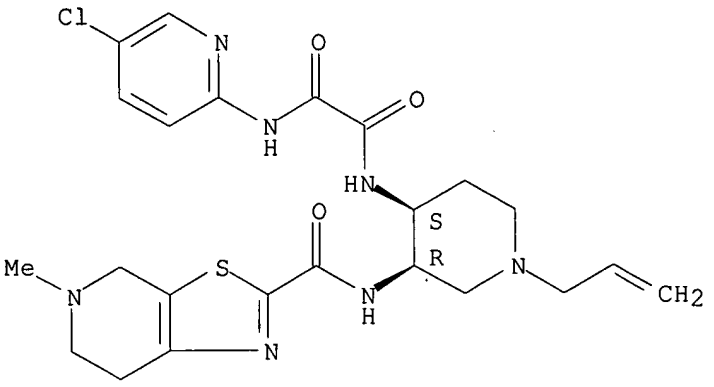
● HCl

RN 912480-97-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(2-propenyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

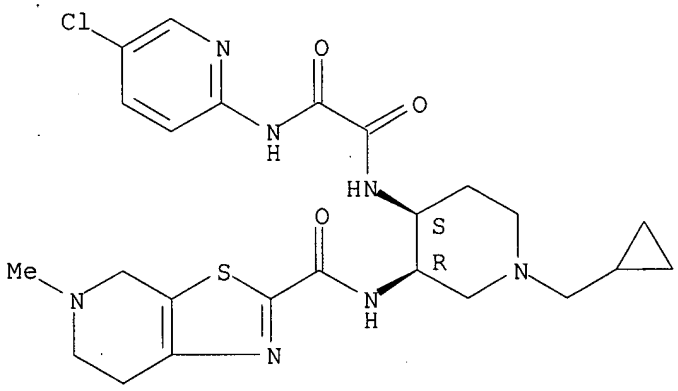
1077334



● HCl

RN 912480-98-9 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(cyclopropylmethyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



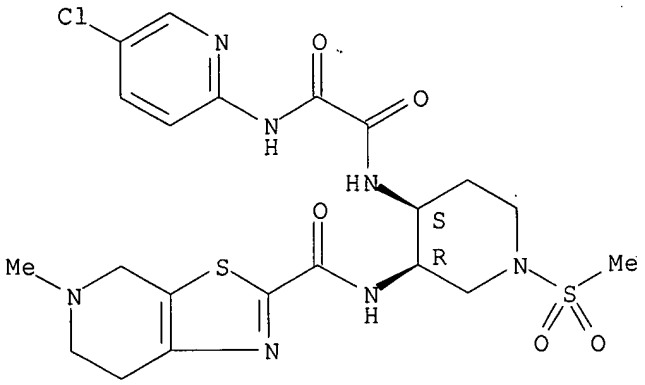
● HCl

RN 912480-99-0 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methylsulfonyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

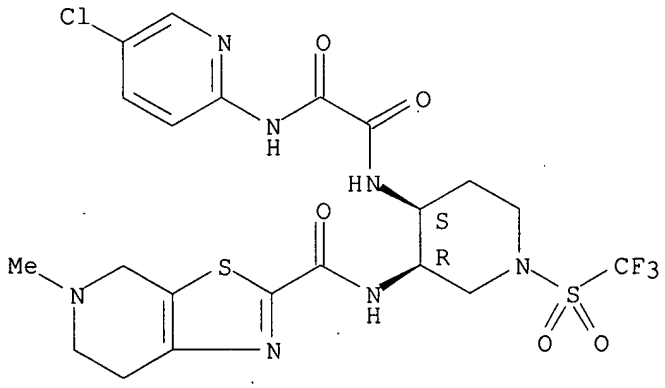
1077334



● HCl

RN 912481-00-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-1-[(trifluoromethyl)sulfonyl]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



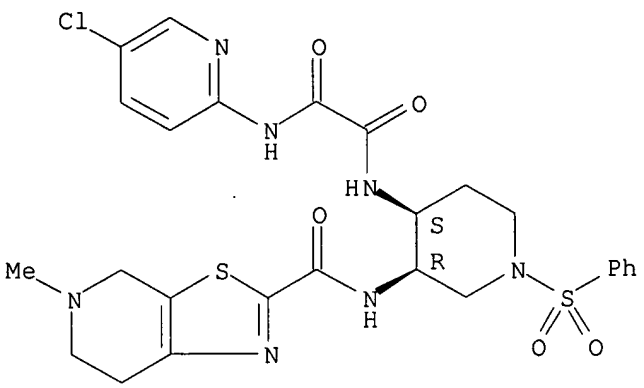
● HCl

RN 912481-01-7 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(phenylsulfonyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

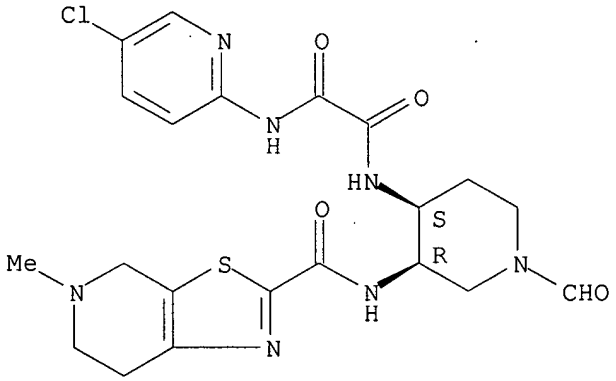
1077334



● HCl

RN 912481-02-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-formyl-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



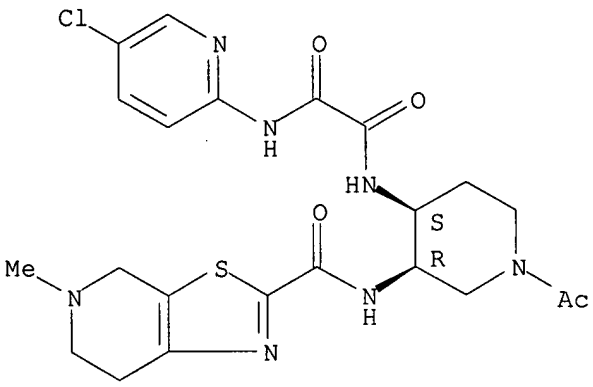
● HCl

RN 912481-03-9 HCAPLUS
CN Ethanediamide, N-[(3R,4S)-1-acetyl-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-N'-(5-chloro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

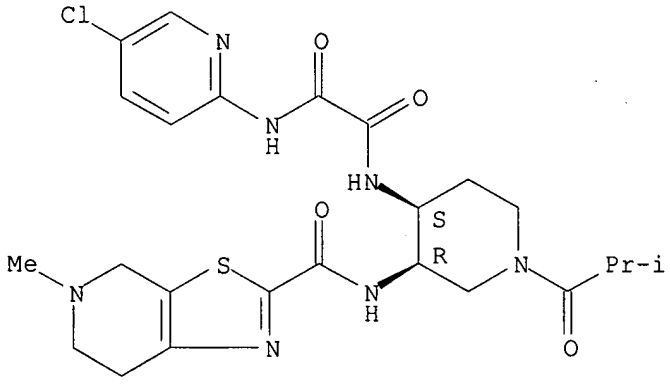
1077334



● HCl

RN 912481-04-0 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(2-methyl-1-oxopropyl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

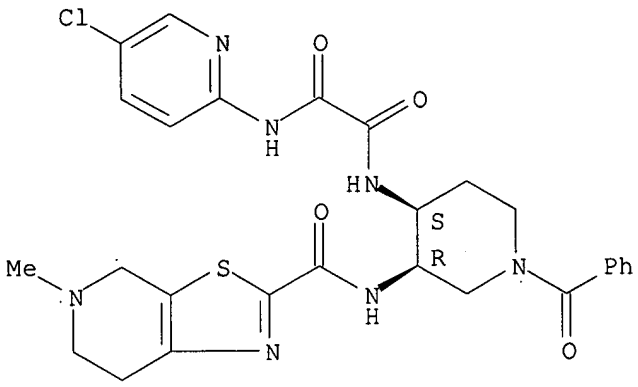


● HCl

RN 912481-05-1 HCAPLUS
CN Ethanediamide, N-[(3R,4S)-1-benzoyl-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-N'-(5-chloro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

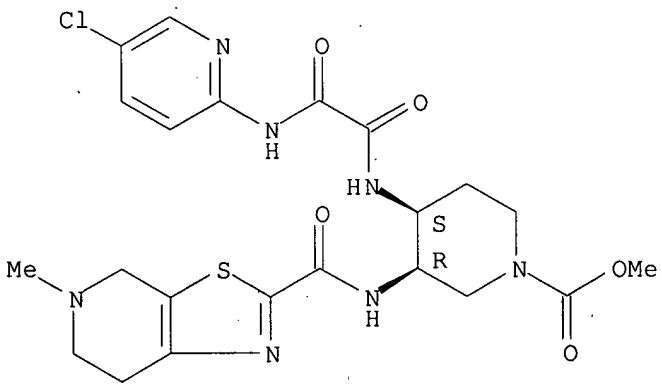
Updated Search



● HCl

RN 912481-06-2 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, methyl ester, monohydrochloride, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



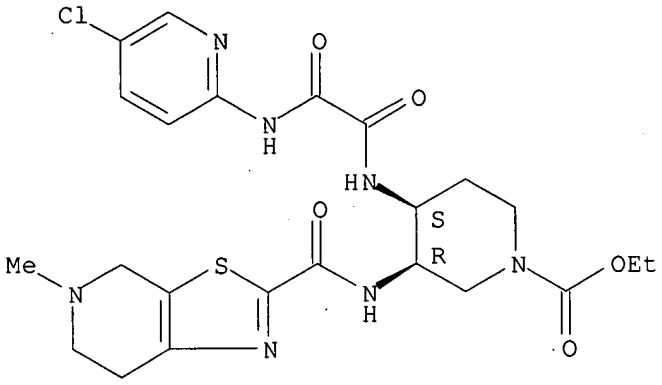
● HCl

RN 912481-07-3 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, ethyl ester, monohydrochloride, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

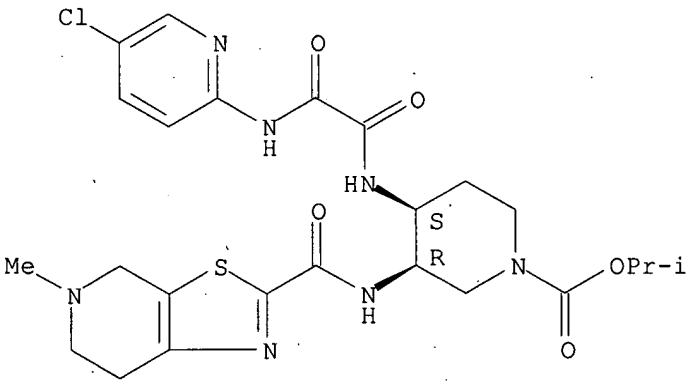
1077334



● HCl

RN 912481-08-4 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, 1-methylethyl ester, monohydrochloride, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



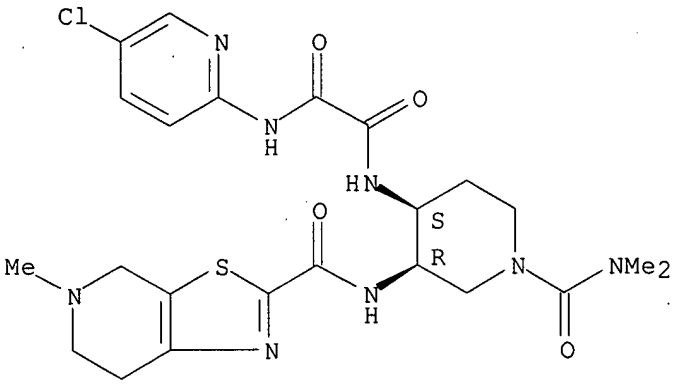
● HCl

RN 912481-09-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-[(dimethylamino)carbonyl]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

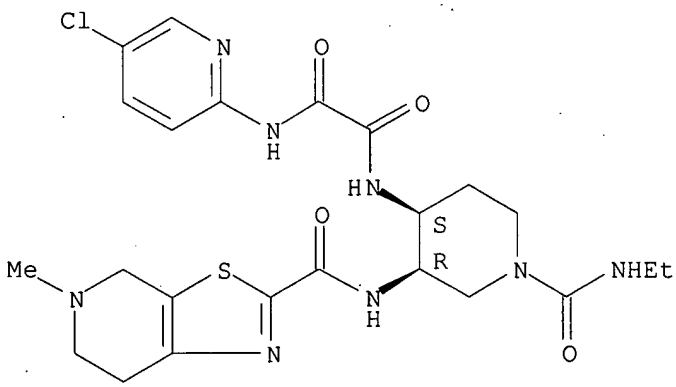
1077334



● HCl

RN 912481-10-8 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-[(ethylamino)carbonyl]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



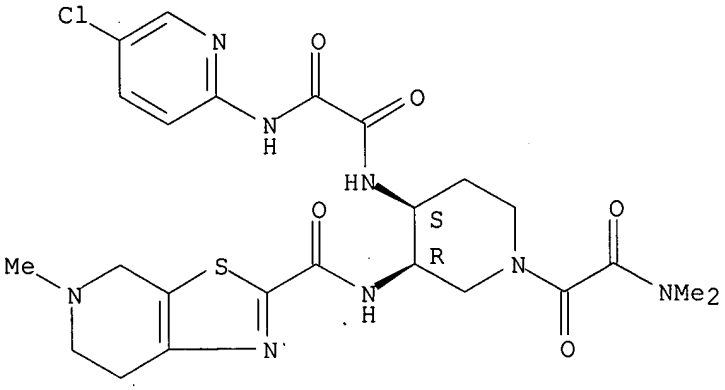
● HCl

RN 912481-11-9 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-[(dimethylamino)oxoacetyl]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

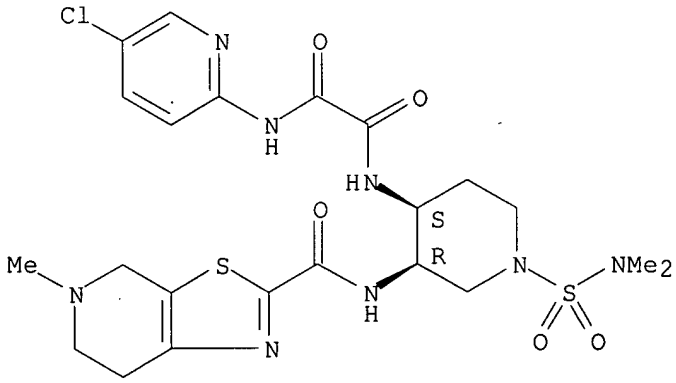
1077334



● HCl

RN 912481-12-0 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-[(dimethylamino)sulfonyl]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



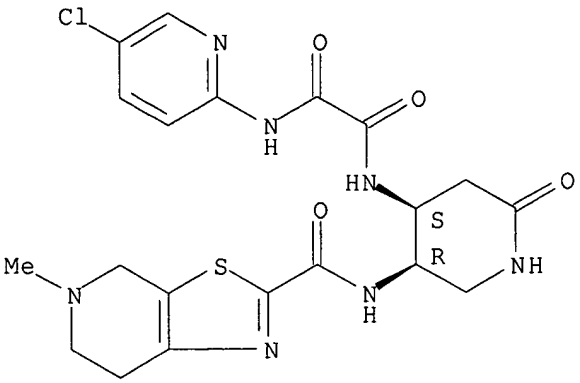
● HCl

RN 912481-13-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(4S,5R)-2-oxo-5-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

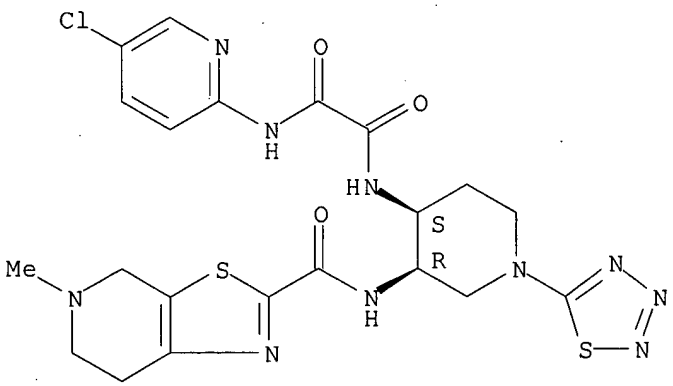
1077334



● HCl

RN 912481-14-2 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-1-(1,2,3,4-thiatriazol-5-yl)-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



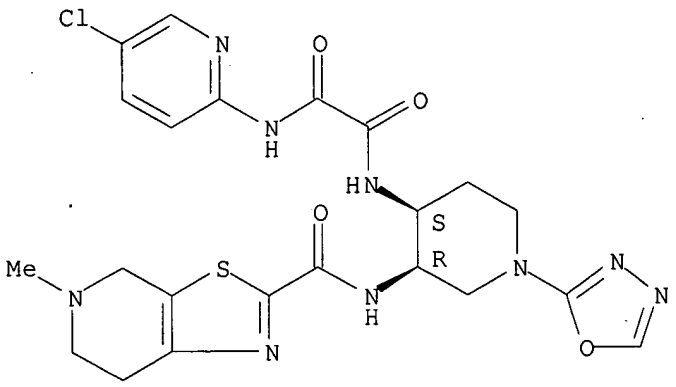
● HCl

RN 912481-15-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(1,3,4-oxadiazol-2-yl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

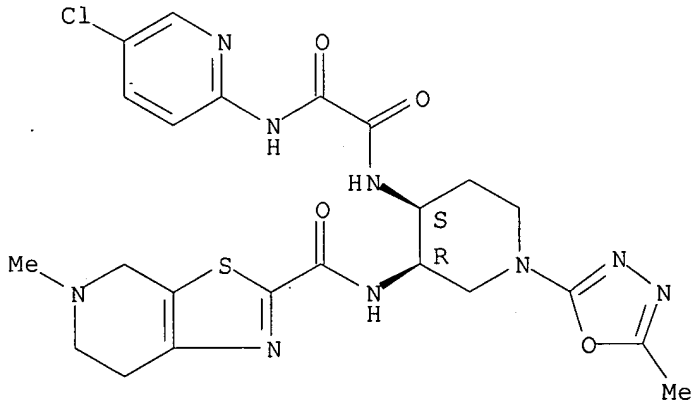
1077334



● HCl

RN 912481-16-4 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(5-methyl-1,3,4-oxadiazol-2-yl)-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



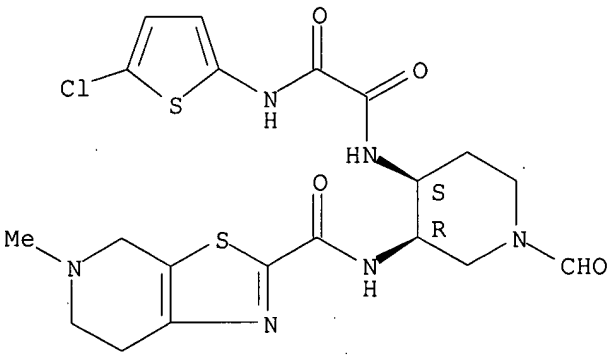
● HCl

RN 912481-17-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-thienyl)-N'-[(3R,4S)-1-formyl-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

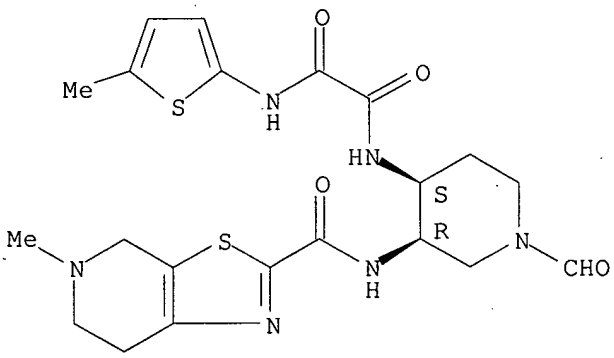
1077334



● HCl

RN 912481-18-6 HCAPLUS
CN Ethanediamide, N-[(3R,4S)-1-formyl-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-N'-(5-methyl-2-thienyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



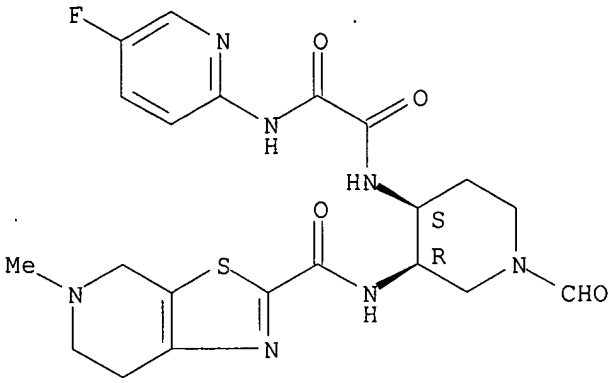
● HCl

RN 912481-19-7 HCAPLUS
CN Ethanediamide, N-(5-fluoro-2-pyridinyl)-N'-[(3R,4S)-1-formyl-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

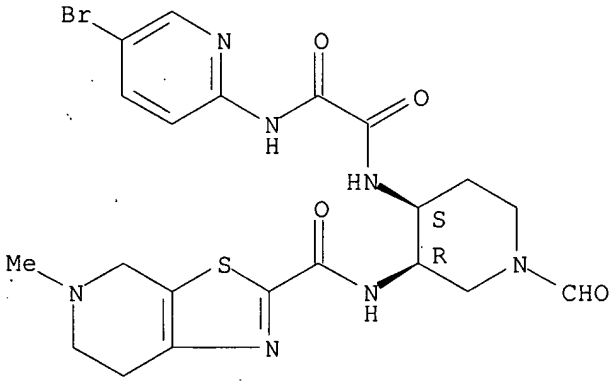
1077334



● HCl

RN 912481-20-0 HCAPLUS
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N-[(3R,4S)-1-formyl-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

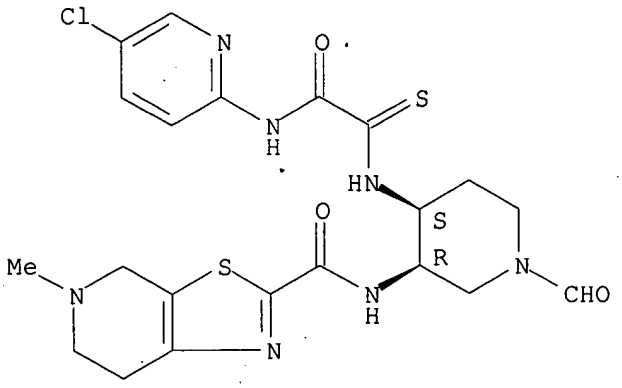


● HCl

RN 912481-25-5 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(3R,4S)-4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-1-formyl-3-piperidinyl]-4,5,6,7-tetrahydro-5-methyl- (9CI) (CA INDEX NAME)

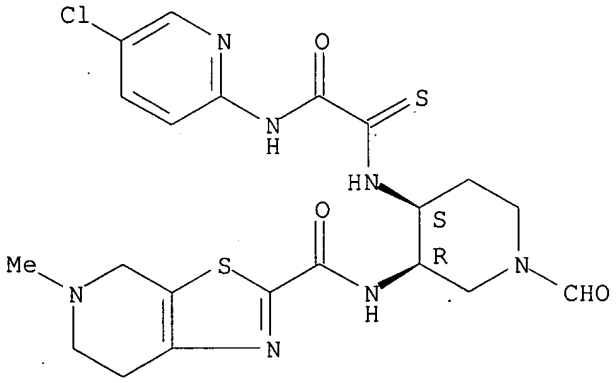
Absolute stereochemistry.

Updated Search



RN 912481-26-6 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(3R,4S)-4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-1-formyl-3-piperidinyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

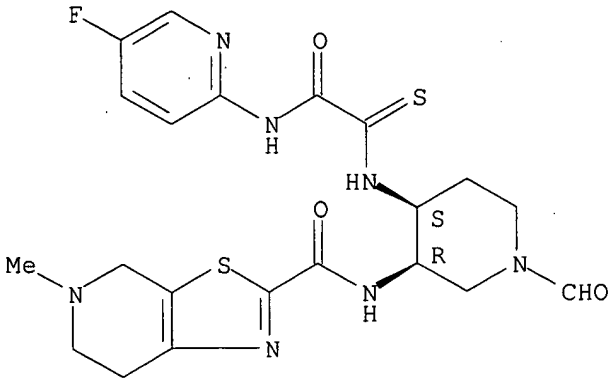


● HCl

RN 912481-27-7 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(3R,4S)-4-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-1-formyl-3-piperidinyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

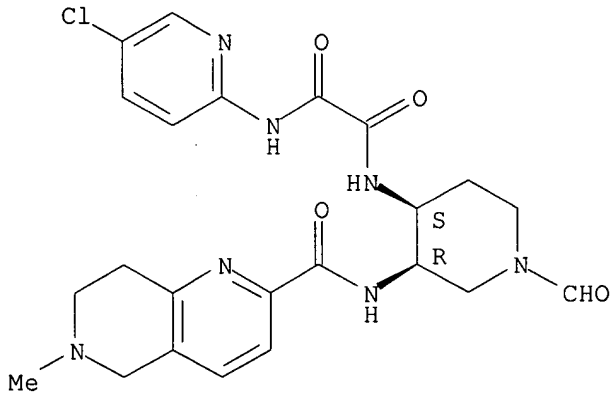
Updated Search



● HCl

RN 912481-31-3 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-formyl-3-[[(5,6,7,8-tetrahydro-6-methyl-1,6-naphthyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

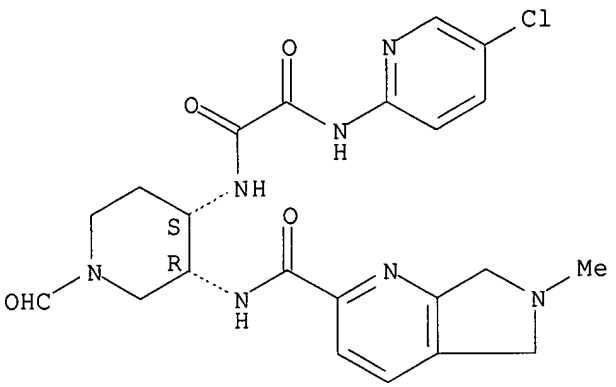
Absolute stereochemistry.



● HCl

RN 912481-32-4 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-3-[[(6,7-dihydro-6-methyl-5H-pyrrolo[3,4-b]pyridin-2-yl)carbonyl]amino]-1-formyl-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

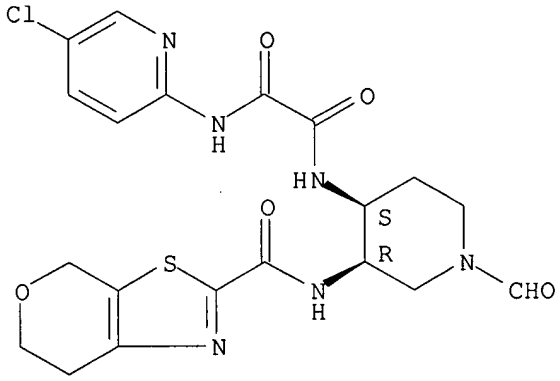
Absolute stereochemistry.



● HCl

RN 912481-33-5 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-3-[[(6,7-dihydro-4H-pyrano[4,3-d]thiazol-2-yl)carbonyl]amino]-1-formyl-4-piperidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 912481-34-6 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-formyl-3-[[4-(3-oxo-4-morpholinyl)benzoyl]amino]-4-piperidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

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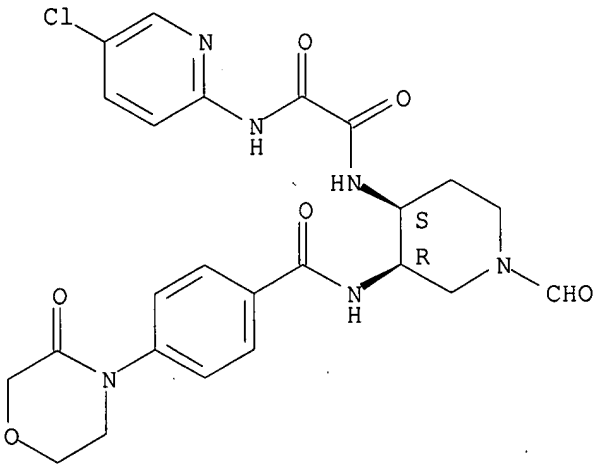
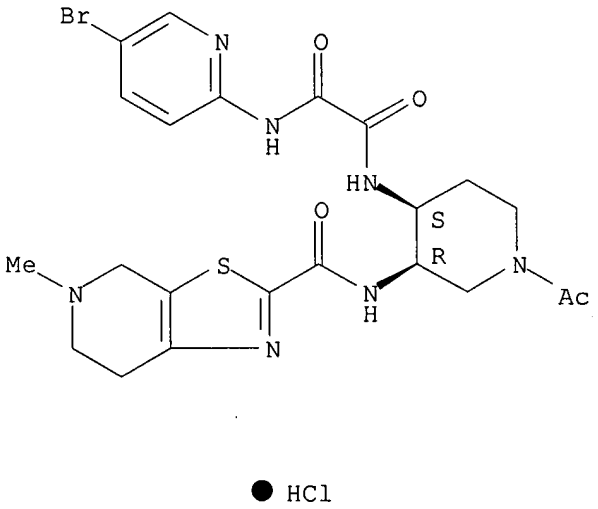


RN 912481-35-7 HCAPLUS
CN Ethanediamide, N-[(3R,4S)-1-acetyl-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-N'-(5-bromo-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

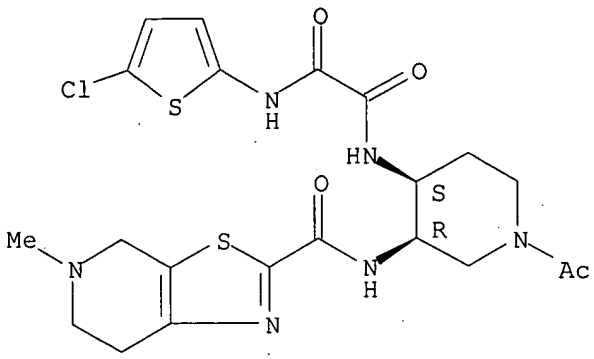


● HCl

RN 912481-38-0 HCAPLUS
CN Ethanediamide, N-[(3R,4S)-1-acetyl-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-N'-(5-chloro-2-thienyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

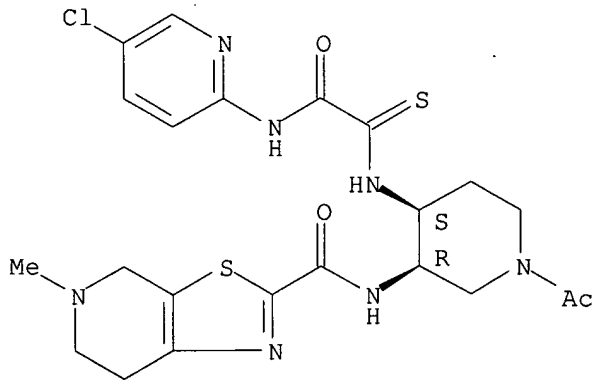
Updated Search



● HCl

RN 912481-39-1 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(3R,4S)-1-acetyl-4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-piperidinyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

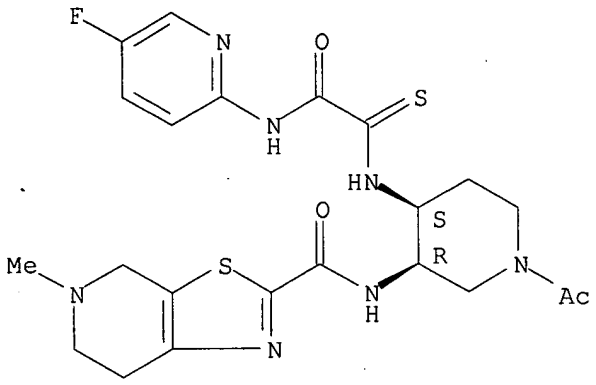


● HCl

RN 912481-40-4 HCAPLUS
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(3R,4S)-1-acetyl-4-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-piperidinyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

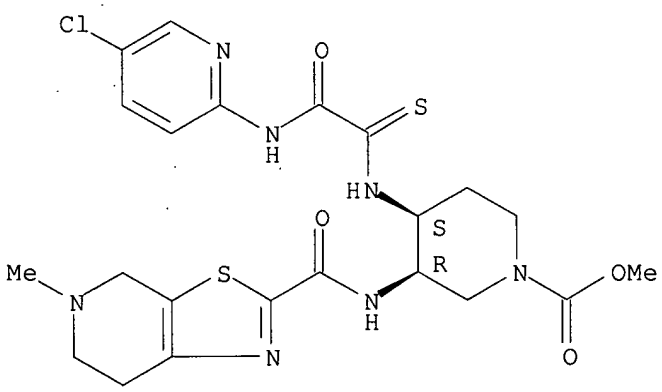
Updated Search



● HCl

RN 912481-41-5 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, methyl ester, monohydrochloride, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

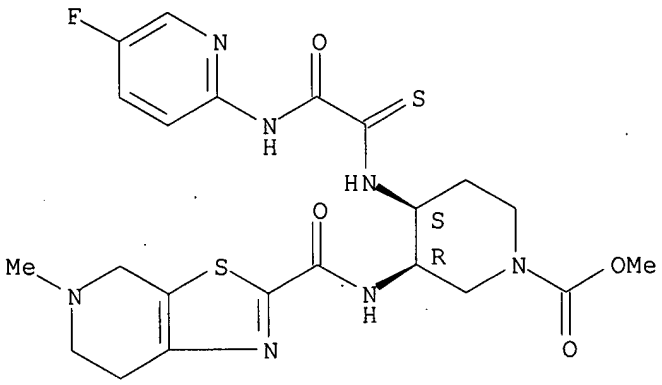


● HCl

RN 912481-42-6 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, methyl ester, monohydrochloride, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

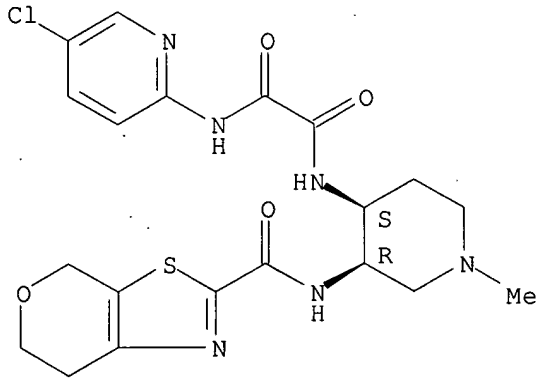
Updated Search



● HCl

RN 912481-43-7 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-3-[[(6,7-dihydro-4H-pyrano[4,3-d]thiazol-2-yl)carbonyl]amino]-1-methyl-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



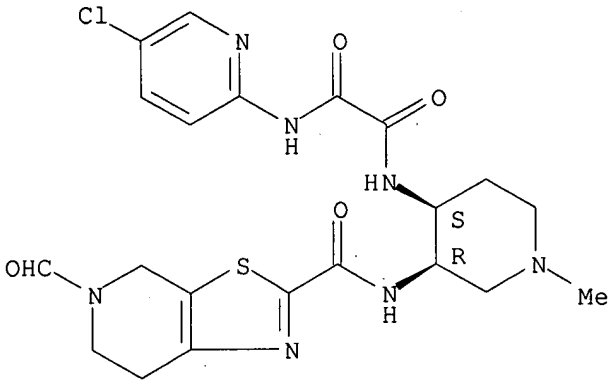
● HCl

RN 912481-45-9 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-3-[[(5-formyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-1-methyl-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

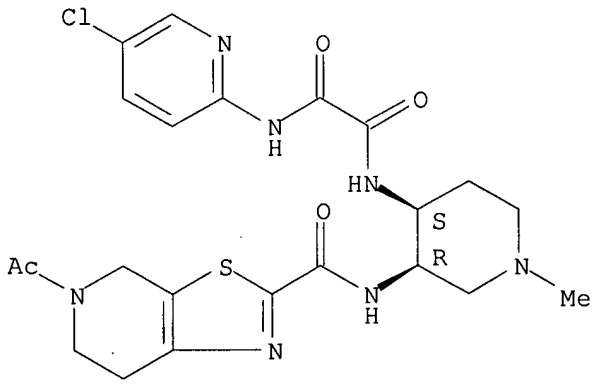
1077334



● HCl

RN 912481-46-0 HCAPLUS
CN Ethanediamide, N-[(3R,4S)-3-[[(5-acetyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-1-methyl-4-piperidinyl]-N'-(5-chloro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



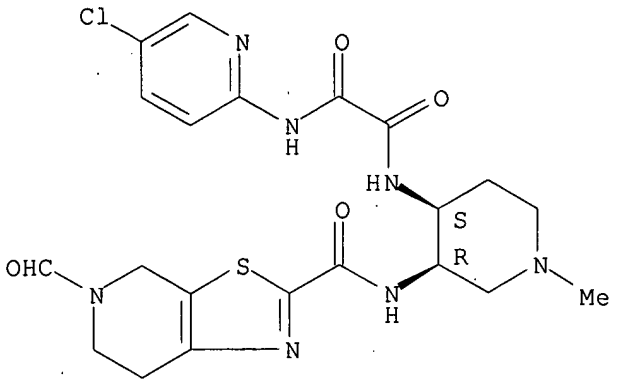
● HCl

RN 912537-36-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-3-[[(5-formyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-1-methyl-4-piperidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

1077334



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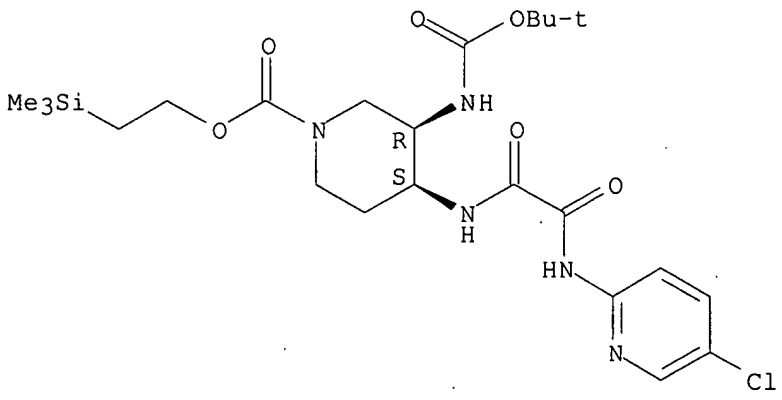
912482-14-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of triamine derivs. containing heterocyclyl moieties as FXa inhibitors)

RN 720721-33-5 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(1,1-dimethylethoxy)carbonyl]amino]-, 2-(trimethylsilyl)ethyl ester, (3R,4S)- (9CI) (CA INDEX NAME)

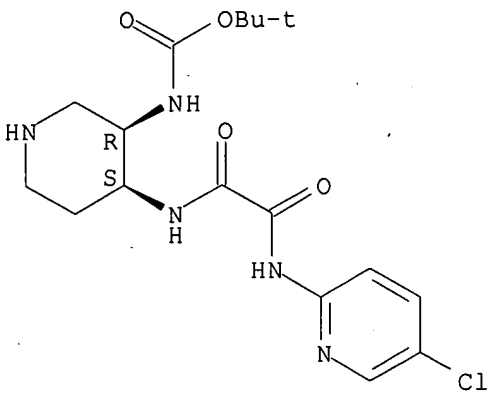
Absolute stereochemistry.



RN 720721-34-6 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

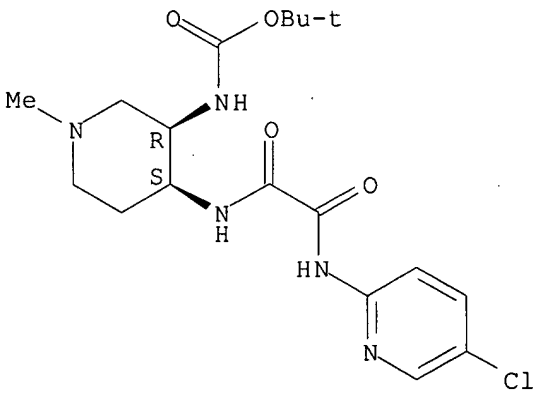
Updated Search

Absolute stereochemistry.



RN 912481-51-7 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-methyl-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

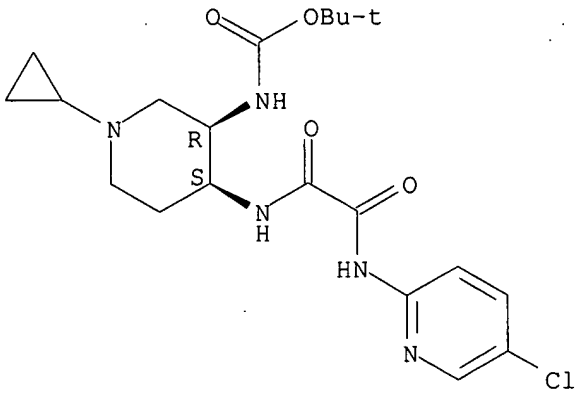
Absolute stereochemistry.



RN 912481-53-9 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-cyclopropyl-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

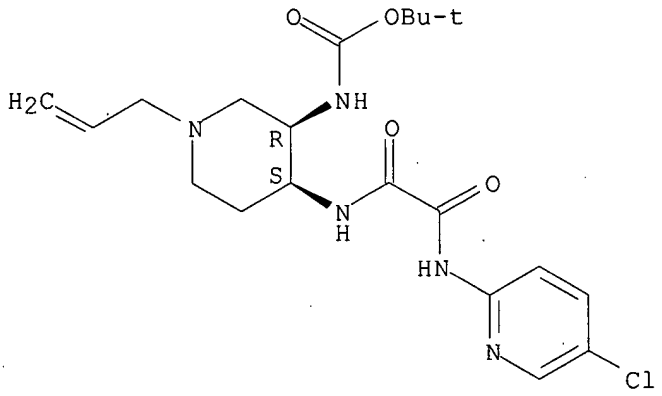
Absolute stereochemistry.

1077334



RN 912481-54-0 HCAPLUS
CN Carbamic acid, N-[(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(2-propenyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

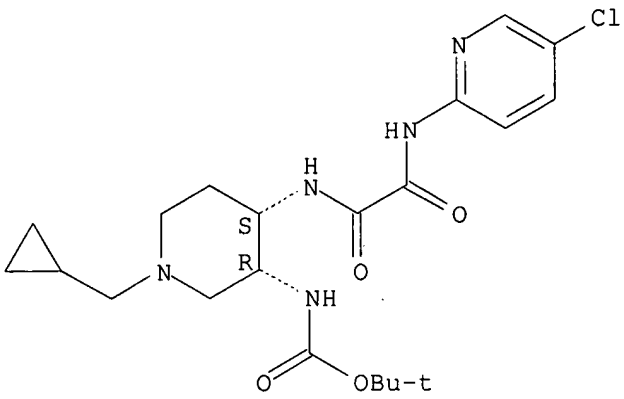
Absolute stereochemistry.



RN 912481-56-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(cyclopropylmethyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

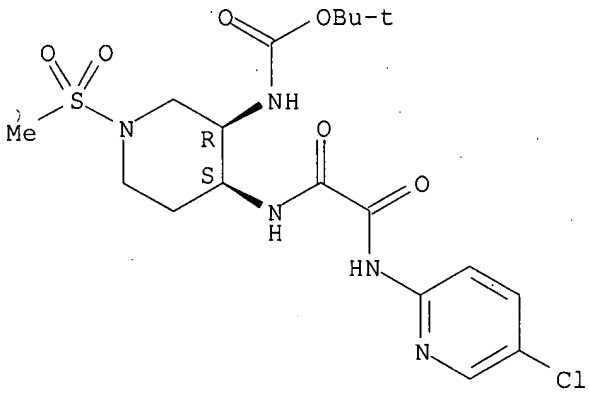
Absolute stereochemistry.

Updated Search



RN 912481-57-3 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(methylsulfonyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

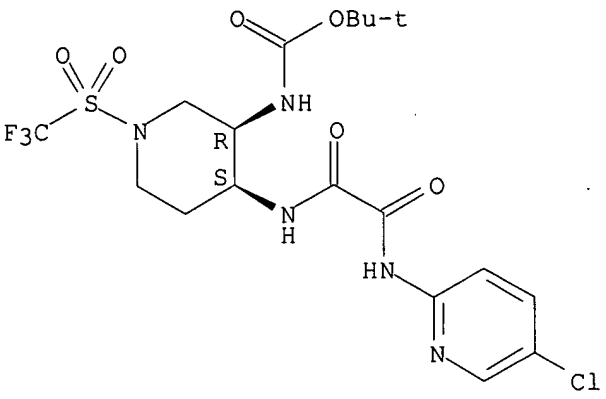


RN 912481-59-5 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-[(trifluoromethyl)sulfonyl]-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

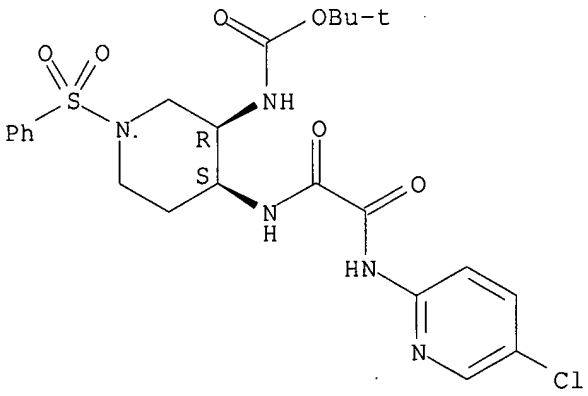
Updated Search

1077334



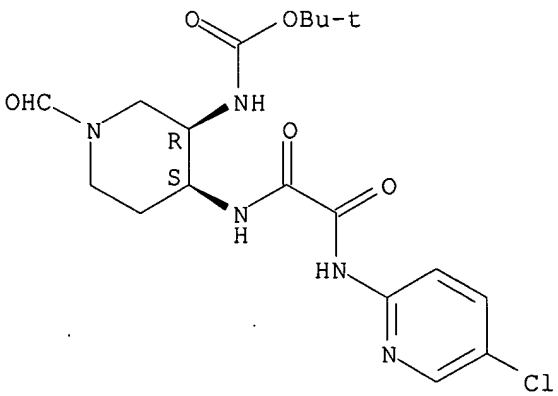
RN 912481-60-8 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(phenylsulfonyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 912481-61-9 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-formyl-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

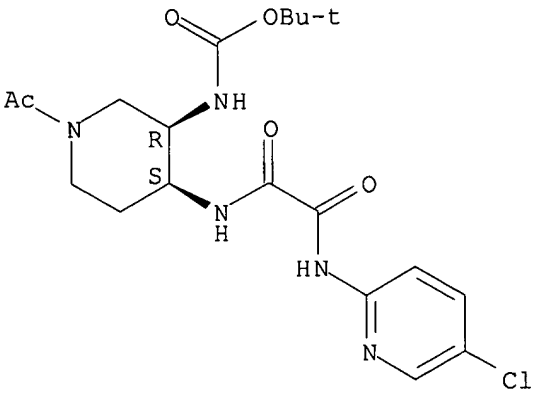


Updated Search

1077334

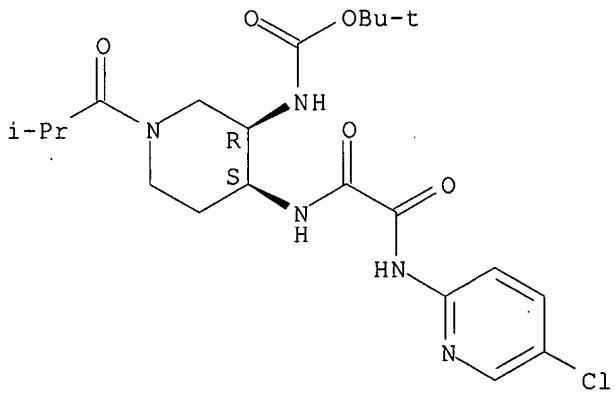
RN 912481-62-0 HCAPLUS
CN Carbamic acid, [(3R,4S)-1-acetyl-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 912481-63-1 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(2-methyl-1-oxopropyl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

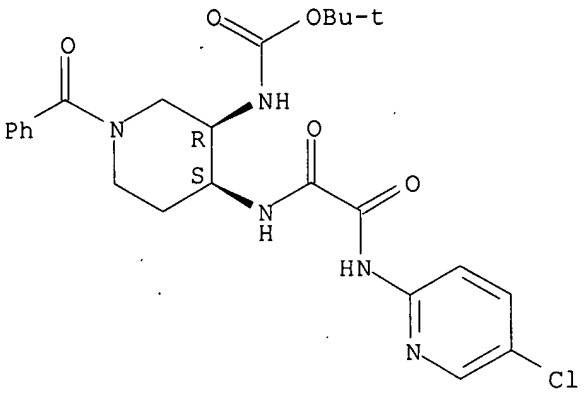


RN 912481-64-2 HCAPLUS
CN Carbamic acid, [(3R,4S)-1-benzoyl-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

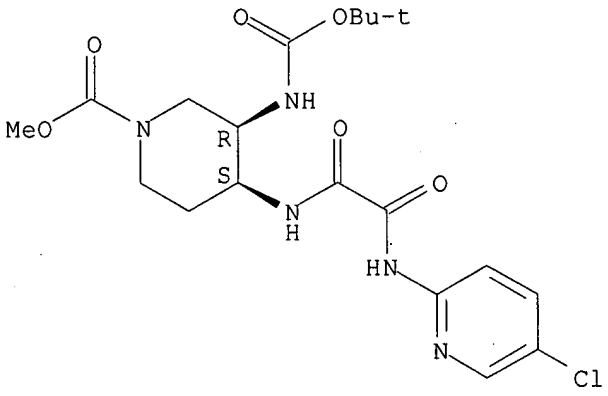
Updated Search

1077334



RN 912481-65-3 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(1,1-dimethylethoxy)carbonyl]amino]-, methyl ester, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

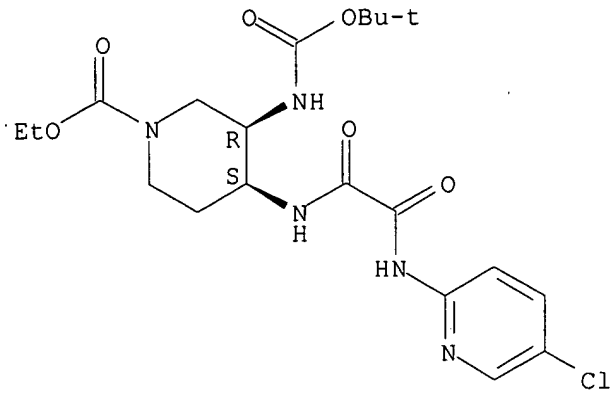


RN 912481-66-4 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(1,1-dimethylethoxy)carbonyl]amino]-, ethyl ester, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

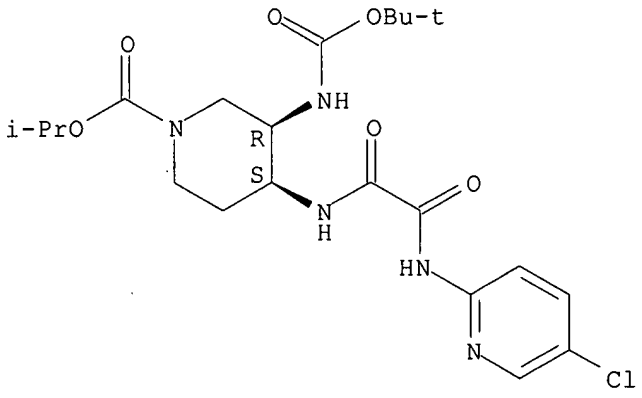
Updated Search

1077334



RN 912481-67-5 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[(1,1-dimethylethoxy)carbonyl]amino]-, 1-methylethyl ester, (3R,4S)- (9CI) (CA INDEX NAME)

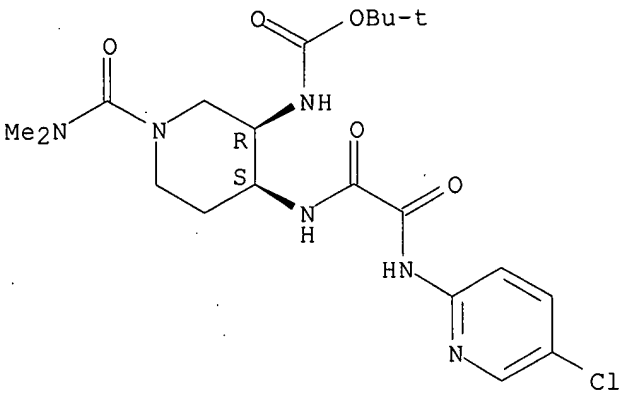
Absolute stereochemistry.



RN 912481-68-6 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-[(dimethylamino)carbonyl]-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

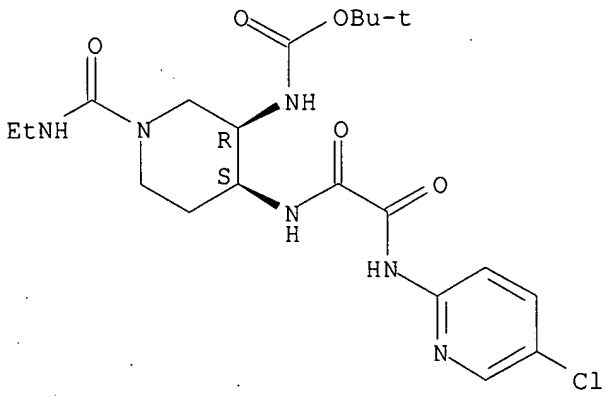
Absolute stereochemistry.

Updated Search



RN 912481-69-7 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-[(ethylamino)carbonyl]-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

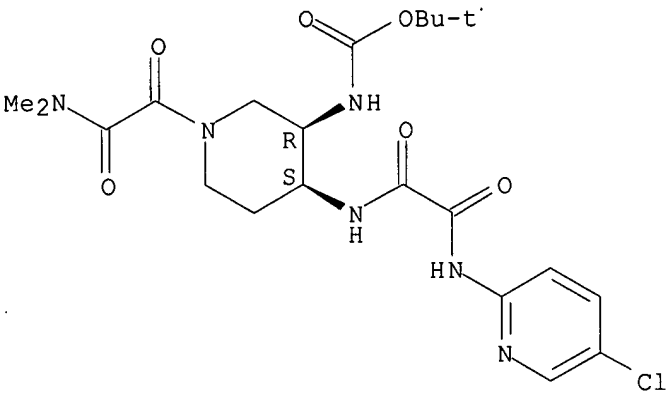
Absolute stereochemistry.



RN 912481-72-2 HCAPLUS
CN Carbamic acid, N-[(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-[(dimethylamino)oxoacetyl]-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

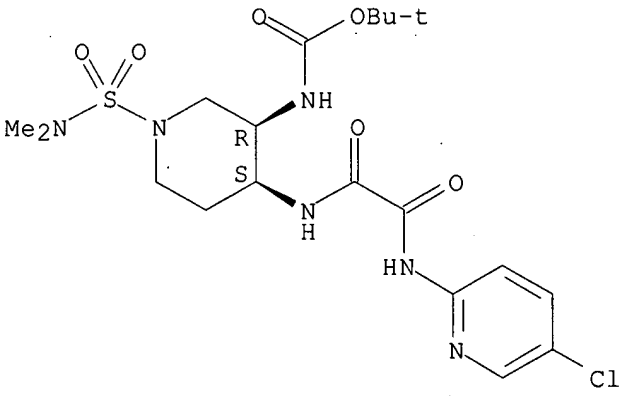
Absolute stereochemistry.

Updated Search



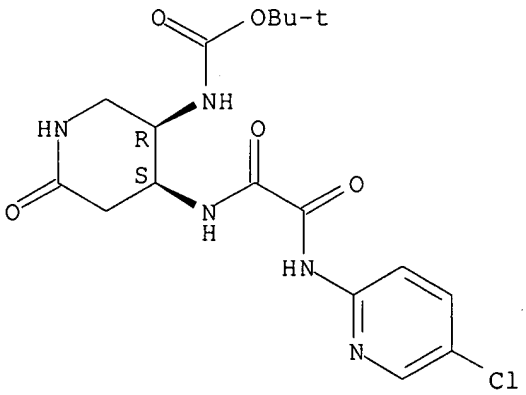
RN 912481-73-3 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-[(dimethylamino)sulfonyl]-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 912481-74-4 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-6-oxo-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

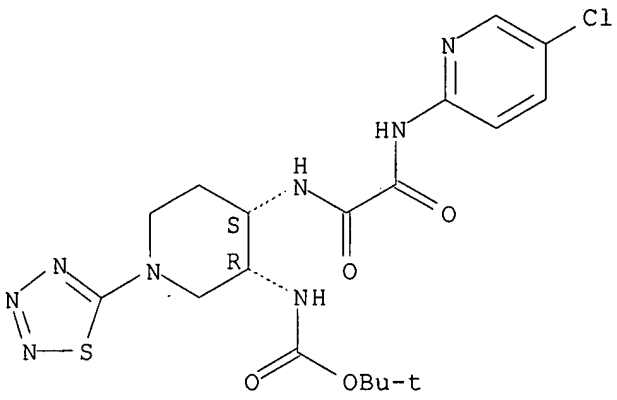


Updated Search

1077334

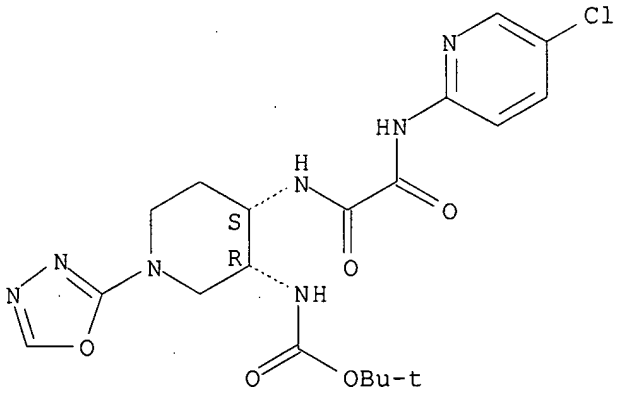
RN 912481-75-5 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(1,2,3,4-thiatriazol-5-yl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 912481-79-9 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(1,3,4-oxadiazol-2-yl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

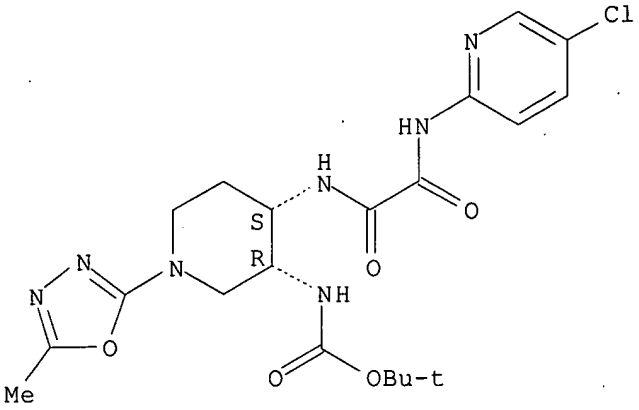


RN 912481-82-4 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-(5-methyl-1,3,4-oxadiazol-2-yl)-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

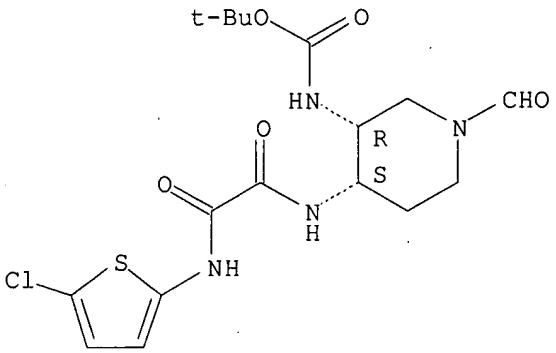
Updated Search

1077334



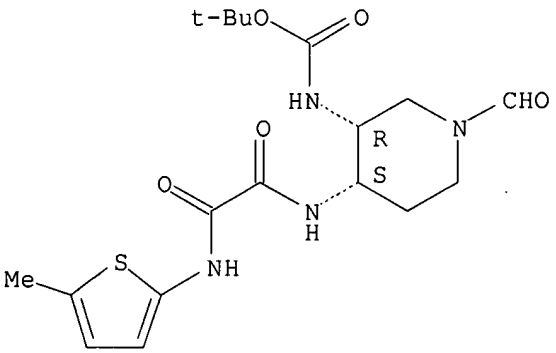
RN 912481-85-7 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-thienyl)amino]oxoacetyl]amino]-1-formyl-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 912481-88-0 HCAPLUS
CN Carbamic acid, N-[(3R,4S)-1-formyl-4-[[[(5-methyl-2-thienyl)amino]oxoacetyl]amino]-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

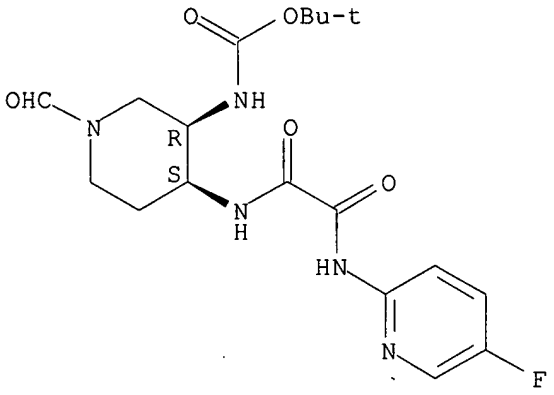


Updated Search

1077334

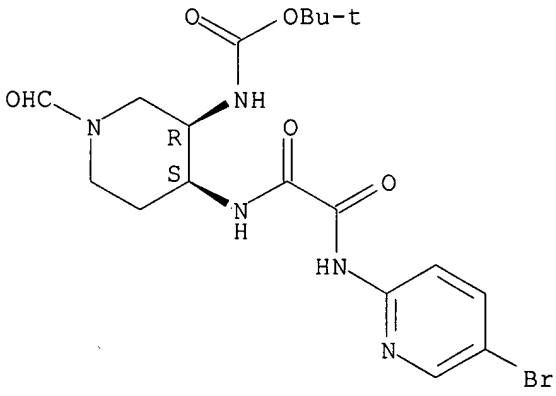
RN 912481-89-1 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-fluoro-2-pyridinyl)amino]oxoacetyl]amino]-1-formyl-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 912481-90-4 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-bromo-2-pyridinyl)amino]oxoacetyl]amino]-1-formyl-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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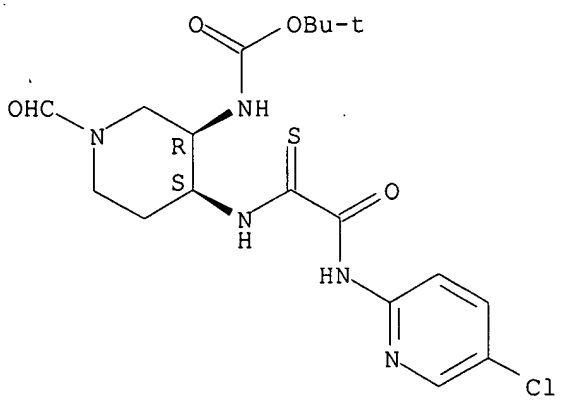
CN Carbamic acid, [(3R,4S)-4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-1-formyl-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

1077334



RN 912481-96-0 HCAPLUS
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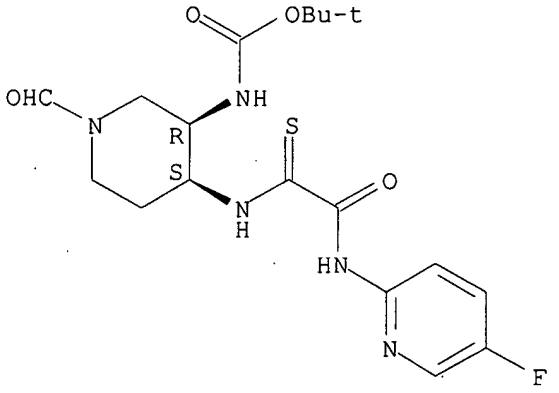
Absolute stereochemistry.



RN 912482-01-0 HCAPLUS
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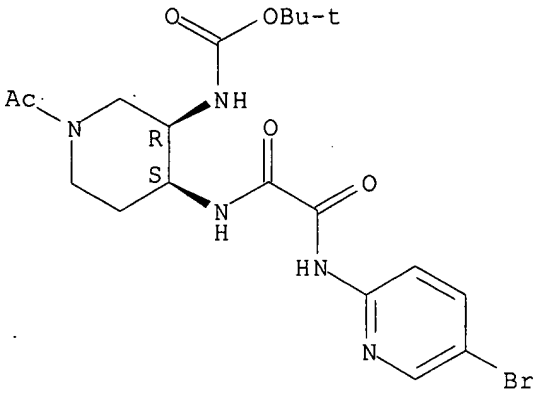
Absolute stereochemistry.

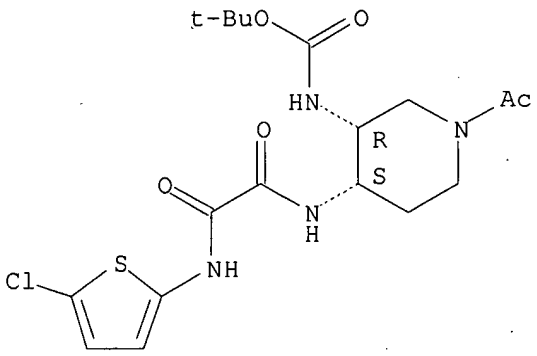
Updated Search

1077334



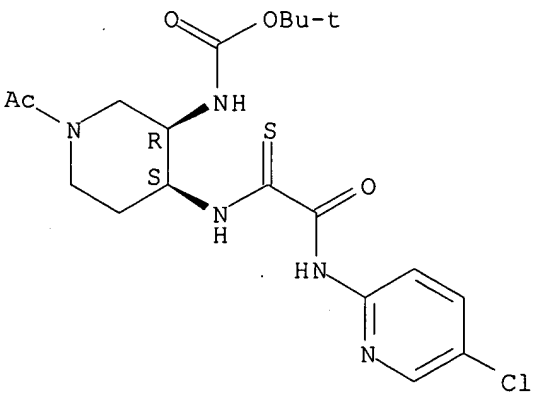
RN 912482-04-3 HCAPLUS
CN Carbamic acid, [(3R,4S)-1-acetyl-4-[[[(5-chloro-2-thienyl)amino]oxoacetyl]amino]-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 912482-05-4 HCAPLUS
CN Carbamic acid, [(3R,4S)-1-acetyl-4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



Updated Search

1077334

RN 912482-06-5 HCAPLUS
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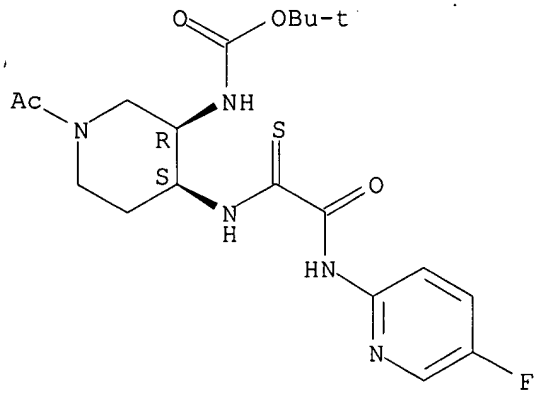
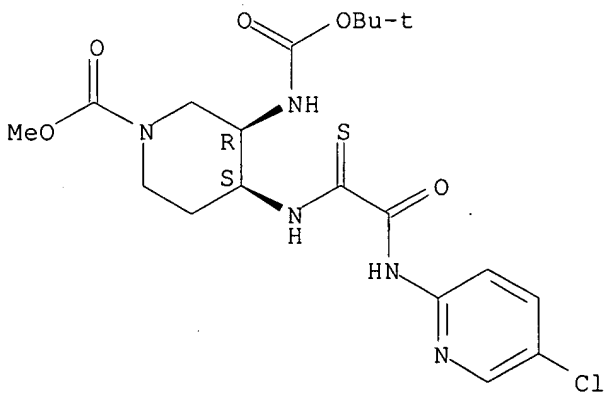
Absolute stereochemistry.



RN 912482-09-8 HCAPLUS
CN 1-Piperidinecarboxylic acid, 4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-[[(1,1-dimethylethoxy)carbonyl]amino]-, methyl ester, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 912482-10-1 HCAPLUS
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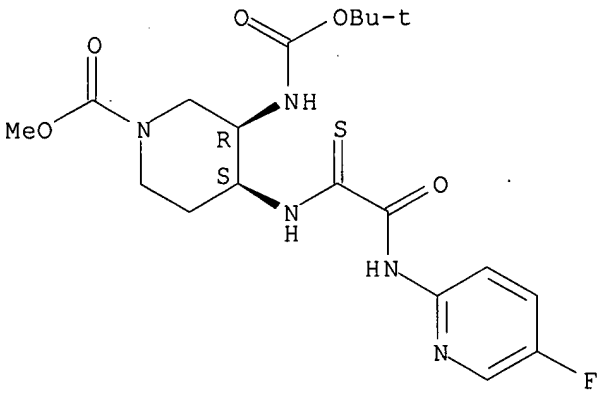
Absolute stereochemistry.

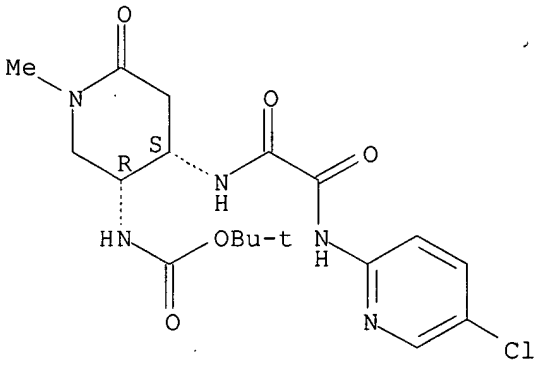
Updated Search

1077334



RN 912482-14-5 HCAPLUS
CN Carbamic acid, [(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-methyl-6-oxo-3-piperidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 17:17:48 ON 08 FEB 2007)

FILE 'REGISTRY' ENTERED AT 17:17:55 ON 08 FEB 2007

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L3	0	S L1 FULL
L4		STRUCTURE UPLOADED
L5	0	S L4
L6	0	S L4 FULL
L7		STRUCTURE UPLOADED
L8	0	S L7
L9	0	S L7 FULL
L10		STRUCTURE UPLOADED
L11	50	S L10
L12		STRUCTURE UPLOADED

Updated Search

1077334

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L13          22 S L12
L14         377 S L12 FULL

     FILE 'HCAPLUS' ENTERED AT 17:26:58 ON 08 FEB 2007
L15          12 S L14
L16           5 S L15 AND OHTA, T?/AU
L17           7 S L15 NOT L16
L18           0 S L17 AND KOMORIYA, S?/AU
L19           1 S L17 AND YOSHINO, T?/AU
L20           6 S L17 NOT L19
L21           0 S L20 AND UOTO, K?/AU
L22           0 S L20 AND NAKAMOTO, Y?/AU
L23           0 S L20 AND NAITO, H?/AU
L24           1 S L20 AND MOCHIZUKI, A?/AU

=> s l20 not l24
L25           5 L20 NOT L24

=> s l25 and nagata, t?/au
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L26           0 L25 AND NAGATA, T?/AU

=> s l25 and kanno, h?/au
           876 KANNO, H?/AU
L27           0 L25 AND KANNO, H?/AU

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L28           0 L25 AND HAGINOYA, N?/AU

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L29           0 L25 AND YOSHIKAWA, K?/AU

=> s l25 and nagamochi, m?/au
            23 NAGAMOCHI, M?/AU
L30           0 L25 AND NAGAMOCHI, M?/AU

=> s l25 and koboyashi, s?/au
             4 KOBOYASHI, S?/AU
L31           0 L25 AND KOBOYASHI, S?/AU

=> s l25 and ono, m?/au
          5747 ONO, M?/AU
L32           0 L25 AND ONO, M?/AU

=> d l25, ibib abs hitstr, 1-5

L25  ANSWER 1 OF 5  HCAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:        2006:170095  HCAPLUS
DOCUMENT NUMBER:         144:226296
TITLE:                   Oral prophylactic agents for thrombosis and embolism
INVENTOR(S):             Morishima, Yoshiyuki; Watanabe, Kengo
PATENT ASSIGNEE(S):      Daiichi Seiyaku Co., Ltd., Japan
SOURCE:                  Jpn. Kokai Tokkyo Koho, 29 pp.
                         CODEN: JKXXAF
DOCUMENT TYPE:           Patent
LANGUAGE:                Japanese
FAMILY ACC. NUM. COUNT:  1
```

Updated Search

1077334

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2006052208	A	20060223	JP 2005-202010	20050711
PRIORITY APPLN. INFO.:			JP 2004-205486 A	20040713

OTHER SOURCE(S): MARPAT 144:226296

GI For diagram(s), see printed CA Issue.

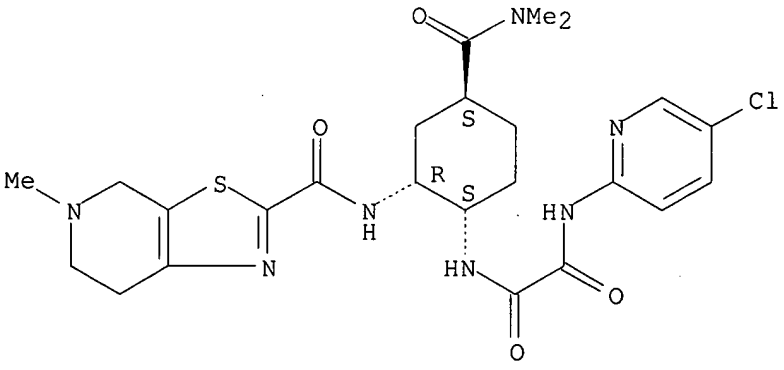
AB Title agents contain diamines I [Q1 = (un)substituted 4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl, 4,5,6,7-tetrahydrothiazolo[4,5-c]pyridin-2-yl, 4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl, 4,5,6,7-tetrahydrooxazolo[5,4-c]pyridin-2-yl, 4,6-dihydro-5H-pyrrolo[3,4-d]thiazol-2-yl, etc.; Q2 = C1-8 alkylene, (CH2)pA(CH2)q (p, q = 1-3; p + q = 2-4); A = O, N, S, SO, SO2, NH; R1, R2 = H, OH, NH2, CO2H, (halo)alkyl, acyl, alkoxycarbonylalkyl, (un)substituted acylamino, (un)substituted 3- to 6-membered heterocyclylcarbonyl, etc.; Q3 = CO, SO2, COCONH, CSCONH, COCSNH, CSCSNH; Q4 = (un)substituted Ph, naphthyl, pyridyl, pyrimidyl, indolyl, benzothienyl, furyl, etc.] and antiplatelet agents chosen from aspirin, sarpogrelate, limaprost, cilostazol, and piperidines II or III [R101, R105 = H, lower alkyl, lower alkoxycarbonyl, lower alkylcarbonyl; R102, R103, R106, R107 = H, lower alkyl, halo; R104 = H, OH, lower alkylcarbonyloxy; R108 = H, lower alkyl; R109 = H, lower alkylcarbonyl] as active ingredients. Thus, combination use of N1-(5-chloropyridin-2-yl)-N2-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]ethanediamide HCl salt (IV) and ticlopidine prevented 75% thrombosis formation in rats. CYP2D6- and CYP3A4-dependent metabolism of IV was 0.1-0.81 pmol/pmol/CYP/min, suggesting nonsusceptibility of IV to the enzymes.

IT 480448-29-1
RL: ADV (Adverse effect, including toxicity); PAC (Pharmacological activity); PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(combination use of diamines and antiplatelet agents for oral prophylactic agents for thrombosis and embolism)

RN 480448-29-1 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

Updated Search

1077334

L25 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:99047 HCAPLUS
DOCUMENT NUMBER: 144:177476
TITLE: Pharmaceuticals containing tissue plasminogen activator and its enhancers for treatment of thrombosis and embolism
INVENTOR(S): Morishima, Yoshiyuki
PATENT ASSIGNEE(S): Daiichi Seiyaku Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 23 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

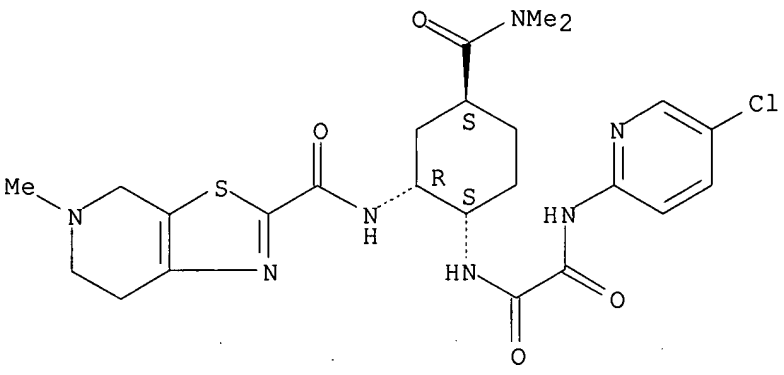
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2006028025	A	20060202	JP 2004-204724	20040712

PRIORITY APPLN. INFO.: JP 2004-204724 20040712
OTHER SOURCE(S): MARPAT 144:177476
GI For diagram(s), see printed CA Issue.
AB Title pharmaceuticals contain t-PA and diamides I [Q1 = (un)substituted 4,5,6,7-tetrahydrothiazolo[5,4-c]- or [4,5-c]pyridin-2-yl, 4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl, 4,5,6,7-tetrahydrooxazolo[5,4-c]pyridin-2-yl, 4,6-dihydro-5H-pyrrolo[3,4-d]thiazol-2-yl, etc.; Q2 = C1-8 alkylene, (CH2)pA(CH2)q; p, q = 1-3; p + q = 2-4; A = O, N, S, SO, SO2, NH; R1, R2 = H, OH, NH2, CO2H, (halo)alkyl, acyl, alkoxy, N-alkoxycarbamoyl, (un)substituted 3- to 6-membered heterocyclylcarbonyl, etc.; Q3 = CO, SO2, COCONH, CSCONH, etc.; Q4 = (un)substituted Ph, naphthyl, pyridyl, indolyl, benzofuranyl, furyl, etc.] as active ingredients. Thus, sep. i.v. bolus administration of 1 mg/kg N1-(5-chloropyridin-2-yl)-N2-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]ethanediamide HCl and 1000 I.U./kg Pamiteplase (t-PA) to rats with thrombosis showed significant thrombolytic activity.
IT 480448-29-1
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(thrombolytic agents containing tissue-plasminogen activator and diamide enhancers)
RN 480448-29-1 HCAPLUS
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

1077334



● HCl

L25 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:451390 HCAPLUS
DOCUMENT NUMBER: 143:7701
TITLE: Process for preparation of tetrahydrothiazolo[5,4-c]pyridine derivatives
INVENTOR(S): Nagasawa, Hiroshi; Sato, Koji; Yagi, Tsutomu; Kitani, Yasuo
PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 156 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005047296	A1	20050526	WO 2004-JP16874	20041112
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2545730	A1	20050526	CA 2004-2545730	20041112
EP 1683800	A1	20060726	EP 2004-818528	20041112
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
CN 1878778	A	20061213	CN 2004-80033384	20041112

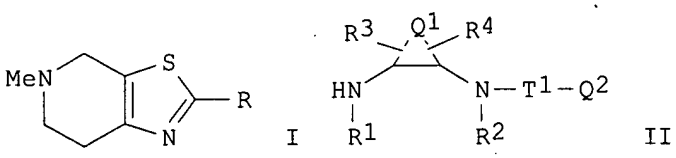
PRIORITY APPLN. INFO.:
JP 2003-382382 A 20031112
JP 2003-382383 A 20031112
JP 2003-382384 A 20031112
WO 2004-JP16874 W 20041112

OTHER SOURCE(S): MARPAT 143:7701

Updated Search

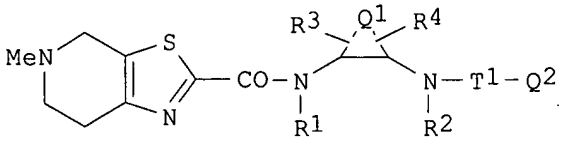
1077334

GI

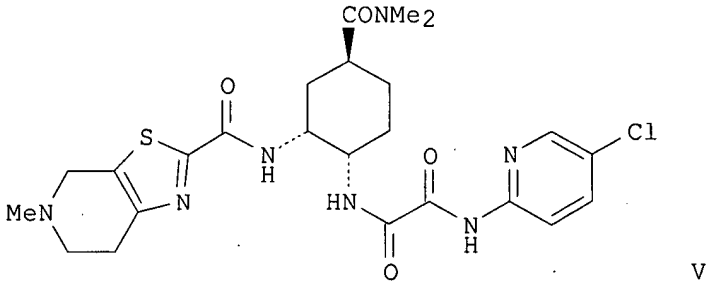


I

II



III



V

AB A process for the preparation of title compds. of formula I and the product of the reaction of I (R = CO2H) with II (R1, R2 = independently H, OH, alkyl or alkoxy; Q1 = alkylene, alkenylene, or -(CH2)m-CH2-A-CH2-(CH2)n-; m, n = independently 0-3; A = O, S, NH, etc.; R3, R4 = independently H, OH, alkyl, halo, etc.; T1 = C:O, SO2, C:O-N:N-, etc.; Q2 = substituted aryl(alkenyl), heteroaryl, arylalkyl, etc.) to produce III, and the salts of I and III, is disclosed. For example, reaction of 1-methyl-4-piperidone with cyanamide and sulfur powder, gave IV, I (R = NH2). Starting from IV, I (R = CO2H) was prepared by three different routes: (1) bromination of IV with 47%HBr and cyanation with NaCN/CuCN, followed by hydrolysis; (2) reduction of IV to give I (R = H) and reaction with trichloroacetyl chloride; (3) bromination of IV and followed by reaction with n-butyllithium and CO2 gas. Amidation of I (R = CO2H) with N-[(1S,2R,4S)-2-amino-4-[(dimethylamino)carbonyl]cyclohexyl]-N'-(5-chloro-2-pyridinyl)ethanediamide provided V. I (R = CO2H) is an important intermediate of the inhibitor of blood-coagulation factor Xa.

IT 480449-70-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of tetrahydrothiazolo[5,4-c]pyridine derivs. from 1-methyl-4-piperidone)

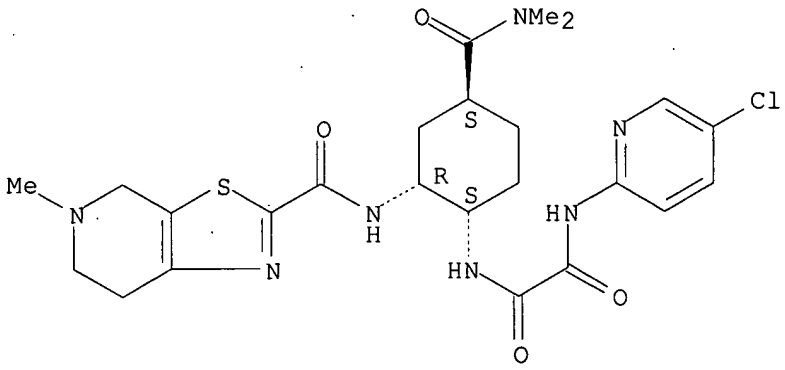
RN 480449-70-5 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

1077334



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

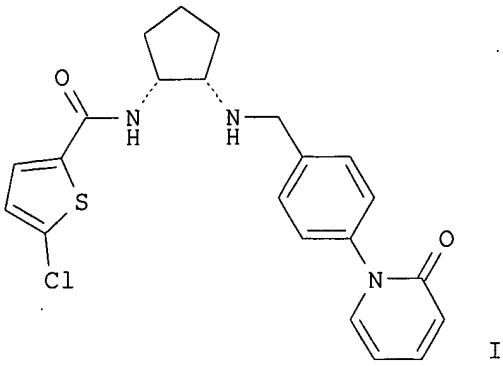
L25 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:802720 HCAPLUS
DOCUMENT NUMBER: 141:314159
TITLE: Preparation of lactam-containing cyclic diamines and derivatives as factor Xa inhibitors for treating thromboembolic disorders
INVENTOR(S): Qiao, Jennifer X.; Wang, Tammy C.; Wang, Gren Z.
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: PCT Int. Appl., 260 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2004082687	A1	20040930	WO 2004-US8088		20040317
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
US 2004204454	A1	20041014	US 2004-801469		20040316
EP 1603572	A1	20051214	EP 2004-757541		20040317
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK					
JP 2006520790	T	20060914	JP 2006-507254		20040317
PRIORITY APPLN. INFO.:			US 2003-455733P	P	20030318
			US 2003-508232P	P	20031002
			US 2004-801469	A	20040316
			WO 2004-US8088	W	20040317

OTHER SOURCE(S): MARPAT 141:314159
GI

Updated Search

1077334



I

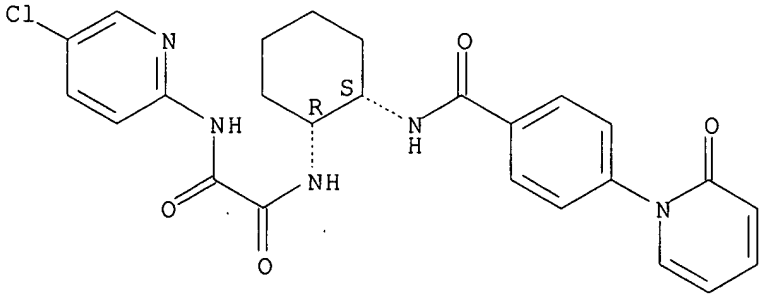
AB Title compds. of formula G-G1-M-Z-A-B [wherein M = central ring selected from (un)substituted optionally fused cyclopentane, or cyclohexane, (un)substituted tetrahydropyran, piperidine, piperidin-2-one, pyrrolidine, etc,; G = benzofused ring; G1 = (CH2)1-5 and derivs., (un)substituted CH2:CH2, C(:O), NH, NHCO SO2NH, SO2NHCO, all of the above optionally substituted on one or both ends with alkylene groups, etc., with provisos; Z = NHCO, CONH, Z = (CH2)1-5 and derivs., (un)substituted NHCO, CONH, CO, NHC(:S)NH, S, SO, SO2, SONH, SO2NH, all of the above optionally substituted on one or both ends with alkylene groups, etc.; A = (un)substituted carbo- or heeterocycle; B = lactam or sulfam bound to A ring through an optional linking group attached to the N, pharmaceutically acceptable salts] were prepared as inhibitors of trypsin-like serine proteases, specifically factor Xa, for treating thromboembolic disorders. For example, I was prepared by reductive amination of 4-(2-oxo-2H-pyridin-1-yl)benzaldehyde (preparation given) with (1R,2S)-5-Chlorothiophene-2-carboxylic acid (2-aminocyclopentyl)amide in CH2Cl2 in the presence of NaBH(OAc)3/AcOH. Selected invention compds. displayed Ki ≤ 10 μM in a spectrophotometrical assay using purified human factor Xa.

IT 766552-69-6P, N-(5-Chloropyridin-2-yl)-N'-[(1R,2S)-2-[4-(2-oxo-2H-pyridin-1-yl)benzoylamino]cyclohexyl]oxalamide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(factor Xa inhibitor; preparation of lactam-containing cyclic diamines and derivs. as factor Xa inhibitors for treating thromboembolic disorders)

RN 766552-69-6 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2S)-2-[[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



Updated Search

1077334

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L29             0 S L25 AND YOSHIKAWA, K?/AU
L30             0 S L25 AND NAGAMOCHI, M?/AU
L31             0 S L25 AND KOBOYASHI, S?/AU
L32             0 S L25 AND ONO, M?/AU

=> file caold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                      ENTRY    SESSION
FULL ESTIMATED COST                                    84.04     777.60

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                      ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -9.36      -9.36

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FILE COVERS 1907-1966
FILE LAST UPDATED:  01 May 1997 (19970501/UP)

  This file contains CAS Registry Numbers for easy and accurate
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  assignees, and patent information, e.g., patent numbers, are
  now searchable from 1907-1966.  TIFF images of CA abstracts
  printed between 1907-1966 are available in the PAGE
  display formats.

  New CAS Information Use Policies, enter HELP USAGETERMS for details.

  This file supports REG1stRY for direct browsing and searching of
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L33             0 L14
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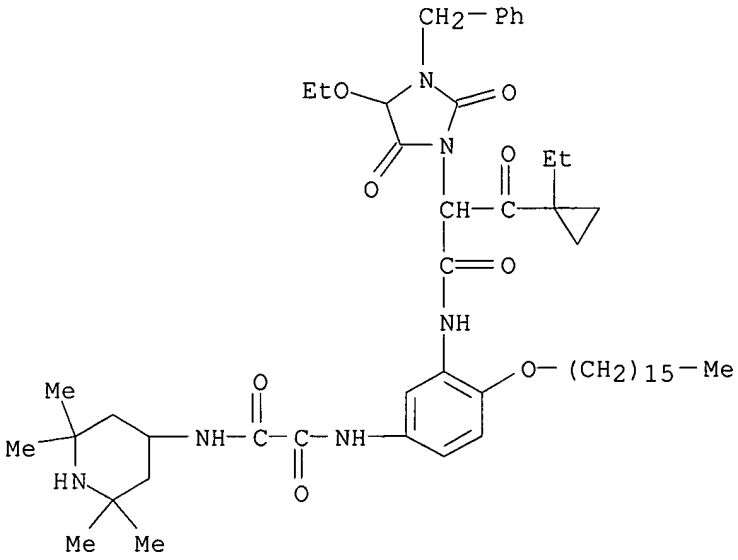
Updated Search

1077334



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L3	0	S L1 FULL
L4		STRUCTURE UPLOADED
L5	0	S L4
L6	0	S L4 FULL
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L8	0	S L7
L9	0	S L7 FULL
L10		STRUCTURE UPLOADED
L11	50	S L10
L12		STRUCTURE UPLOADED
L13	22	S L12
L14	377	S L12 FULL

FILE 'HCAPLUS' ENTERED AT 17:26:58 ON 08 FEB 2007

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L19	1	S L17 AND YOSHINO, T?/AU
L20	6	S L17 NOT L19
L21	0	S L20 AND UOTO, K?/AU
L22	0	S L20 AND NAKAMOTO, Y?/AU
L23	0	S L20 AND NAITO, H?/AU
L24	1	S L20 AND MOCHIZUKI, A?/AU
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L27	0	S L25 AND KANNO, H?/AU
L28	0	S L25 AND HAGINOYA, N?/AU

Updated Search

1077334

L25 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:422383 HCAPLUS
DOCUMENT NUMBER: 121:22383
TITLE: silver halide color photographic material
INVENTOR(S): Morigaki, Masakazu; Yamada, Kohzaburoh; Seto, Nobuo; Yoshioka, Yasuhiro
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 102 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
EP 570006	A1	19931118	EP 1993-107890		19930514
EP 570006	B1	19990324			
R: DE, FR, GB, NL					
JP 06027609	A	19940204	JP 1993-23464		19930120
JP 3101848	B2	20001023			
US 5362617	A	19941108	US 1993-59981		19930512
PRIORITY APPLN. INFO.:			JP 1992-148009	A	19920515
			JP 1993-23464	A	19930120

OTHER SOURCE(S): MARPAT 121:22383
GI For diagram(s), see printed CA Issue.
AB A silver halide color photog. material comprises a support provided thereon at least one layer containing a coupler represented by the formula ACOCHZCONHB wherein A represents a group represented by NR1R2, I, or II (R1, R2 = an aliphatic, aromatic, or heterocyclic group; Q1 = an organic group necessary to form a N-containing heterocyclic ring; R3 = an organic group; Q2 = an organic group necessary to form a 3- to 6-membered ring; B = an aromatic or heterocyclic group; Z = H or a group capable of splitting off upon coupling reaction with the oxidation product of an aromatic primary amine developing agent).
IT 155620-31-8
RL: USES (Uses)
(yellow photog. coupler)
RN 155620-31-8 HCAPLUS
CN Ethanediamide, N-[3-[[2-[4-ethoxy-2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl]-3-(1-ethylcyclopropyl)-1,3-dioxopropyl]amino]-4-(hexadecyloxy)phenyl]-N'-(2,2,6,6-tetramethyl-4-piperidinyl)- (9CI) (CA INDEX NAME)

Updated Search